

Concatenate function in Excel:

“Concatenating” data in the excel spreadsheet. Yes, when I heard this word for the first time, I too thought, “they are literally making words up for this stuff....”

For the layman, “concatenate” is a fancy term for combing multiple cells into a single cell. It differs from merging cells in the fact that you may insert additional formatting to the cells such as commas or dashes.

Imagine in our employee lists if I wish to see names formatted as: Kern, Scott as opposed to the first and last name residing in two separate cells.

9	112	Clear	Donald	00/14/04	03/12/04	12
10	113	Wiley	Allen	02/04/79	05/05/79	08
11	114	Thomlon	Floyd	04/01/65	06/30/65	09
12	115	Kern	Scott	11/26/00	02/24/01	06
13	116	Makeuptax	Johnny	01/04/78	04/04/78	07
14	118	Seventeen	Seven			
15	119	Detroit	NonResident			

Insert a new column into the spreadsheet to the right of the “first_name” column.

In the formula toolbar for cell D2, start typing: **=concatenate(**

SUM							
	A		Insert	CONCATENATE(text1, [text2], ...)	E	F	
1	employee_id	last_name	first_name		date_hired	3 month anniv	6 m
2	1	Public	John	ncatenate(01/01/77	04/01/77	
3	103	President	John		01/01/90	04/01/90	
4	104	Secretary	Shelly		12/23/80	03/23/81	
5	106	Engineer Prorated	Dennis		01/01/69	04/01/69	
6	108	Redford	Jake		05/07/77	08/05/77	
7	109	Kent	Dan		07/14/76	10/12/76	
8	110	Kern	Scott		06/14/04	09/12/04	

At this point, click the **fx** button to the left of the formula toolbar. This will open up a dialog box that will assist in creating the desired data format.

Function Arguments

CONCATENATE

Text1

= text

Text2

= text

=

Joins several text strings into one text string.

The Function Arguments box will open, and ask what cell is to be used as the first part of the joined data.

Text1: Select the cell that contains the last name:

Text2: Enter a comma and a space

Text3: Select the cell that contains the first name

Function Arguments

CONCATENATE

Text1

E2

= "John"

Text2

, "

= ", "

Text3

C2

= "Public"

Text4

= text

= "John, Public"

Joins several text strings into one text string.

Text3:

text1,text2,... are 1 to 255 text strings to be joined into a single text string and can be text strings, numbers, or single-cell references.

Formula result = John, Public

[Help on this function](#)

OK

Cancel

Notice the preview of the Joined data on the right hand side of the screen. You can join up to 255 different text and field strings if you so desire. Previous version of Excel only allowed 30 strings to be joined.

After clicking the OK button to return the formula results in:

C11	Floyd									
	A	B	C	D	E	F	G	H	I	J
1	employee_id	last_name	first_name		date_hired	3 month anniv	6 month anniv	1 year anniv		
2	1	Public	John	Public, John	01/01/77	04/01/77	06/30/77	01/01/78		
3	103	President	John		01/01/90	04/01/90	06/30/90	01/01/91		
4	104	Secretary	Shelly		12/23/80	03/23/81	06/21/81	12/23/81		
5	106	Engineer Prorated	Dennis		01/01/69	04/01/69	06/30/69	01/01/70		
6	108	Redford	Jake		05/07/77	08/05/77	11/03/77	05/07/78		
7	109	Kent	Dan		07/14/76	10/12/76	01/10/77	07/14/77		
8	110	Kern	Scott		06/14/04	09/12/04	12/11/04	06/14/05		
9	112	Clear	Donald		12/31/02	03/31/03	06/29/03	12/31/03		
10	113	Wiley	Allen		02/04/79	05/05/79	08/03/79	02/04/80		
11	114	Thomlon	Floyd		04/01/65	06/30/65	09/28/65	04/01/66		
12	115	Kern	Scott		11/26/00	02/24/01	05/25/01	11/26/01		
13	116	Makeuptax	Johnnv		01/04/78	04/04/78	07/03/78	01/04/79		

Excel will automatically copy the formula being down against all rows:

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
1	employee_id	last_name	first_name		date_hired	3 month anniv	6 month anniv	1 year anniv							
2	1	Public	John	Public, John	01/01/77	04/01/77	06/30/77	01/01/78							
3	103	President	John	President, John	01/01/90	04/01/90	06/30/90	01/01/91							
4	104	Secretary	Shelly	Secretary, Shelly	12/23/80	03/23/81	06/21/81	12/23/81							
5	106	Engineer Prorated	Dennis	Engineer Prorated, Dennis	01/01/69	04/01/69	06/30/69	01/01/70							
6	108	Redford	Jake	Redford, Jake	05/07/77	08/05/77	11/03/77	05/07/78							
7	109	Kent	Dan	Kent, Dan	07/14/76	10/12/76	01/10/77	07/14/77							
8	110	Kern	Scott	Kern, Scott	06/14/04	09/12/04	12/11/04	06/14/05							
9	112	Clear	Donald	Clear, Donald	12/31/02	03/31/03	06/29/03	12/31/03							
10	113	Wiley	Allen	Wiley, Allen	02/04/79	05/05/79	08/03/79	02/04/80							
11	114	Thomlon	Floyd	Thomlon, Floyd	04/01/65	06/30/65	09/28/65	04/01/66							
12	115	Kern	Scott	Kern, Scott	11/26/00	02/24/01	05/25/01	11/26/01							
13	116	Makeuptax	Johnny	Makeuptax, Johnny	01/04/78	04/04/78	07/03/78	01/04/79							

Hiding columns “B” and “C” make the form look less cluttered.

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
1	employee_id	last_name	first_name		date_hired	3 month anniv	6 month anniv	1 year anniv							
2	1	Public	John	Public, John	01/01/77	04/01/77	06/30/77	01/01/78							
3	103	President	John	President, John	01/01/90	04/01/90	06/30/90	01/01/91							
4	104	Secretary	Shelly	Secretary, Shelly	12/23/80	03/23/81	06/21/81	12/23/81							
5	106	Engineer Prorated	Dennis	Engineer Prorated, Dennis	01/01/69	04/01/69	06/30/69	01/01/70							
6	108	Redford	Jake	Redford, Jake	05/07/77	08/05/77	11/03/77	05/07/78							
7	109	Kent	Dan	Kent, Dan	07/14/76	10/12/76	01/10/77	07/14/77							
8	110	Kern	Scott	Kern, Scott	06/14/04	09/12/04	12/11/04	06/14/05							
9	112	Clear	Donald	Clear, Donald	12/31/02	03/31/03	06/29/03	12/31/03							
10	113	Wiley	Allen	Wiley, Allen	02/04/79	05/05/79	08/03/79	02/04/80							
11	114	Thomlon	Floyd	Thomlon, Floyd	04/01/65	06/30/65	09/28/65	04/01/66							
12	115	Kern	Scott	Kern, Scott	11/26/00	02/24/01	05/25/01	11/26/01							
13	116	Makeuptax	Johnny	Makeuptax, Johnny	01/04/78	04/04/78	07/03/78	01/04/79							
14	118	Seventeen	Seven	Seventeen, Seven											
15	119	Detroit	NonResident	Detroit, NonResident											
16	120	Lives Det Works	Other	Lives Det Works, Other											
17	121	Davis	Bacon	Davis, Bacon											
18	122	Vacation	Accrual	Vacation, Accrual	01/01/03	04/01/03	06/30/03	01/01/04							
19	123	Premiere	Caulking	Premiere, Caulking											
20	124	Hernandez	Jim	Hernandez, Jim											
21	125	Hernandez	Cesar	Hernandez, Cesar											
22	126	Hernandez	Alvaro	Hernandez, Alvaro											
23	127	Hernandez	Miguel	Hernandez, Miguel	06/02/06	08/31/06	11/29/06	06/02/07							
24	128	o	Efran	o, Efran											
25	129	Hernandez	Jose	Hernandez, Jose											
26	130	Chambers	Environ	Chambers, Environ											
27	131	Detailer	California	Detailer, California	01/01/03	04/01/03	06/30/03	01/01/04							
28	132	Bi-Weekly	Prorate	Bi-Weekly, Prorate											
29	133	New York	Resident	New York, Resident											
30	134	Earnings	No Tax	Earnings, No Tax											
31	179	New York	Resident	New York, Resident											
32	180	New Jersey	Resident	New Jersey, Resident											

When the file is opened, and the data is refreshed, the hidden columns will remain hidden.

	A	D	E	F	G	H	I	J	K	L	M
1	employee_id		date_hired	3 month anniv	6 month anniv	1 year anniv					
2	1	Public, John	01/01/77	04/01/77	06/30/77	01/01/78					
3	103	President, John	01/01/90	04/01/90	06/30/90	01/01/91					
4	104	Secretary, Shelly	12/23/80	03/23/81	06/21/81	12/23/81					
5	106	Engineer Prorated, Dennis	01/01/69	04/01/69	06/30/69	01/01/70					
6	108	Redford, Jake	05/07/77	08/05/77	11/03/77	05/07/78					
7	109	Kent, Dan	07/14/76	10/12/76	01/10/77	07/14/77					
8	110	Kern, Scott	06/14/04	09/12/04	12/11/04	06/14/05					
9	112	Clear, Donald	12/31/02	03/31/03	06/29/03	12/31/03					
10	113	Wiley, Allen	02/04/79	05/05/79	08/03/79	02/04/80					
11	114	Thomlon, Floyd	04/01/65	06/30/65	09/28/65	04/01/66					
12	115	Kern, Scott	11/26/00	02/24/01	05/25/01	11/26/01					
13	116	Makeuptax, Johnny	01/04/78	04/04/78	07/03/78	01/04/79					

Note : you may use the CONCATENATE function without using the word “Concatenate” in the formula.

Here is an example of the same functionality using = and cell references in the formula toolbar.

D2		fx		=A2&" "&B2&" "&C2	
	A	B	C	D	
1	last_name	first_name	middle_initial	Column1	
2	Public	John	Q	Public, John Q	
3	President	John	E	President, John E	
4	Secretary	Shelly		Secretary, Shelly	
5	Engineer Prorated	Dennis	D	Engineer Prorated, Dennis D	
6	Brennan	Carol	A	Brennan, Carol A	

=A2&" "&B2&" "&C2

This formula shows the Value in A2 joined by the AMPERSAND (&) symbol.

Double quotes are used to bracket the text you wish to place in between the next cell reference. In the first example, we want a comma and a space, so the formula is written as follows:

&" "&

ampersand | Double Quote | Comma | Space | Double Quote | ampersand

We continue with the next cell reference (B2) and the next join of a space before the final cell reference (C2)

&" "&

ampersand | Double Quote | Space | Double Quote | ampersand

The only difference in these two joining formulas is what is between the Double Quotes. Whatever is between the double quotes will appear in the cell that the formula is written in. These values may be dashes, commas, asterisks, constant number values, anything you choose.

SURVEY QUESTION #1 HERE

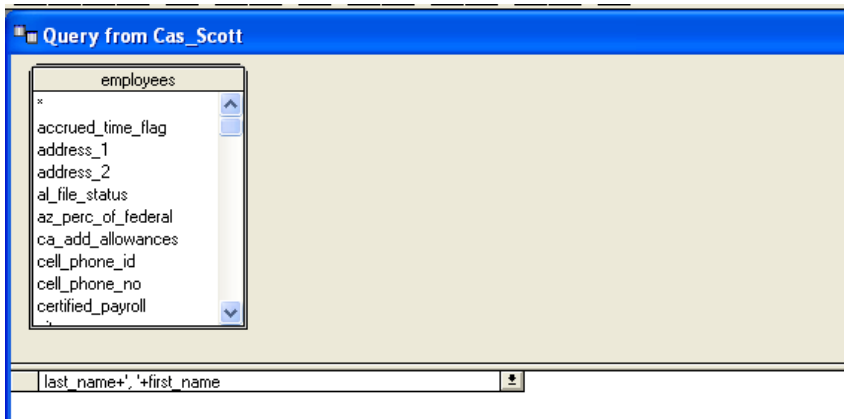
Concatenating data (joining FIELDS) in MS Query

Now that you have learned how to concatenate cells within Excel, let's take time to explore options on combining and formatting data fields in the query mode. This way, data is returned in the desired format, and columns do not have to be hidden.

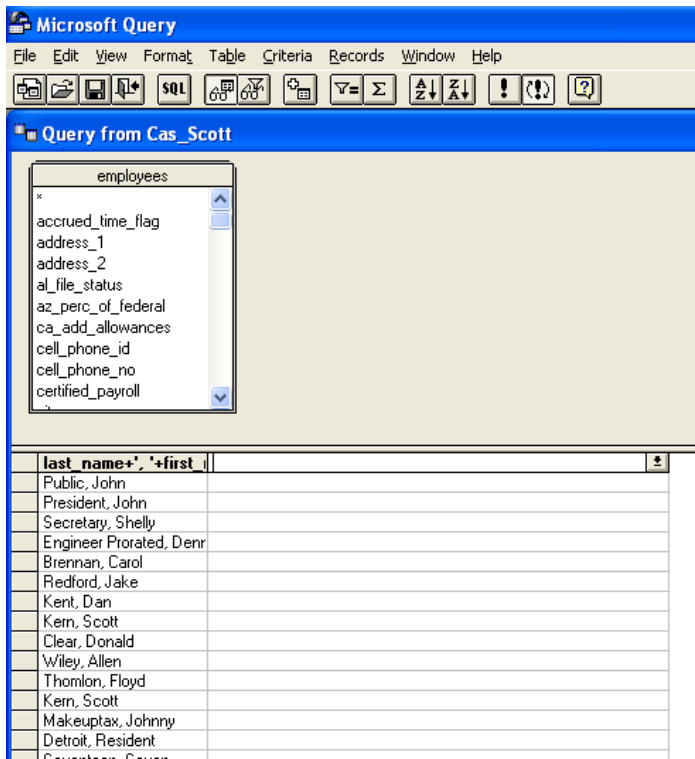
In the Query mode, with the employee table selected, we click on the first column header in the data preview area and type in the following:

last_name+', '+first_name

Just when you thought you were getting the hang of it.... Microsoft changes the game again. In the QUERY MODE, you do not use the ampersand and double quotes, you must use the PLUS (+) sign and a SINGLE quote to bracket the data / field names. Programmers – go figure.



Tab out of the field to view the results.



This is only the beginning.....

Combining text fields is one option, you can write rather complex calculations against numeric data from tables.

This is not recommended for the faint of heart, as the formula logic in Excel does not always relate to writing a formula in the Query mode.

A lot of trial and error will be needed in order to create the desired results. If you are better at writing formulas in Excel, by all means, return the data to Excel, perform the calculations on the spreadsheet and hide unneeded columns. (You may thank me later)

You may run into issues when trying to join fields from multiple tables. You must be sure to define the table name and the field name within the query window.

Here is an example of the Job_history table, the jobs table and the cost_codes table. You will notice that the jobs table and the cost_codes table both have the field “description” within their data set.

Microsoft Query

File Edit View Format Table Criteria Records Window Help

Query from Cas_Scott

job_history

- account_cr
- account_wip
- ar_invoice_id
- ar_invoice_no
- cash_trx_id
- cash_trx_no
- comments
- company_id
- company_no
- cost
- cost_class_id
- cost_class_no
- cost_code_id
- cost_code_method
- cost_code_no
- date_booked

jobs

- customer_order_no
- date_of_letting
- davis_bacon_payrate
- default_income_cost_code
- default_income_phase_id
- default_income_phase_no
- default_price_level
- default_tax_type
- dept_id
- dept_no
- description
- description_of_services
- district
- employment_status
- equipment_service_repair
- est completion date

cost_codes

- cost_code_group_no
- cost_code_id
- cost_code_no
- default_phase_id
- default_phase_no
- dept_id
- dept_no
- description
- equipment_service_repair
- gl_expense
- ignore_home_job
- ovhd_rate
- production_method
- record_status
- row_modified_by
- row_modified_on
- row unique id

Edit Column

Field: job_history.job_id

Column heading:

Total:

job_id	description
1005	OLD
1005	OLD
1005	OLD
1005	OLD
1005	OLD

If I try to perform a shortcut, and type in the desired concatenated field, I receive an error.

Query from Cas_Scott

job_history

- account_cr
- account_wip
- ar_invoice_id
- ar_invoice_no
- cash_trx_id
- cash_trx_no
- comments
- company_id
- company_no
- cost
- cost_class_id
- cost_class_no
- cost_code_id
- cost_code_method
- cost_code_no
- date_booked

jobs

- customer_order_no
- date_of_letting
- davis_bacon_payrate
- default_income_cost_code
- default_income_phase_id
- default_income_phase_no
- default_price_level
- default_tax_type
- dept_id
- dept_no
- description
- description_of_services
- district
- employment_status
- equipment_service_repair
- est completion date

cost_codes

- cost_code_group_no
- cost_code_id
- cost_code_no
- default_phase_id
- default_phase_no
- dept_id
- dept_no
- description
- equipment_service_repair
- gl_expense
- ignore_home_job
- ovhd_rate
- production_method
- record_status
- row_modified_by

Microsoft Query

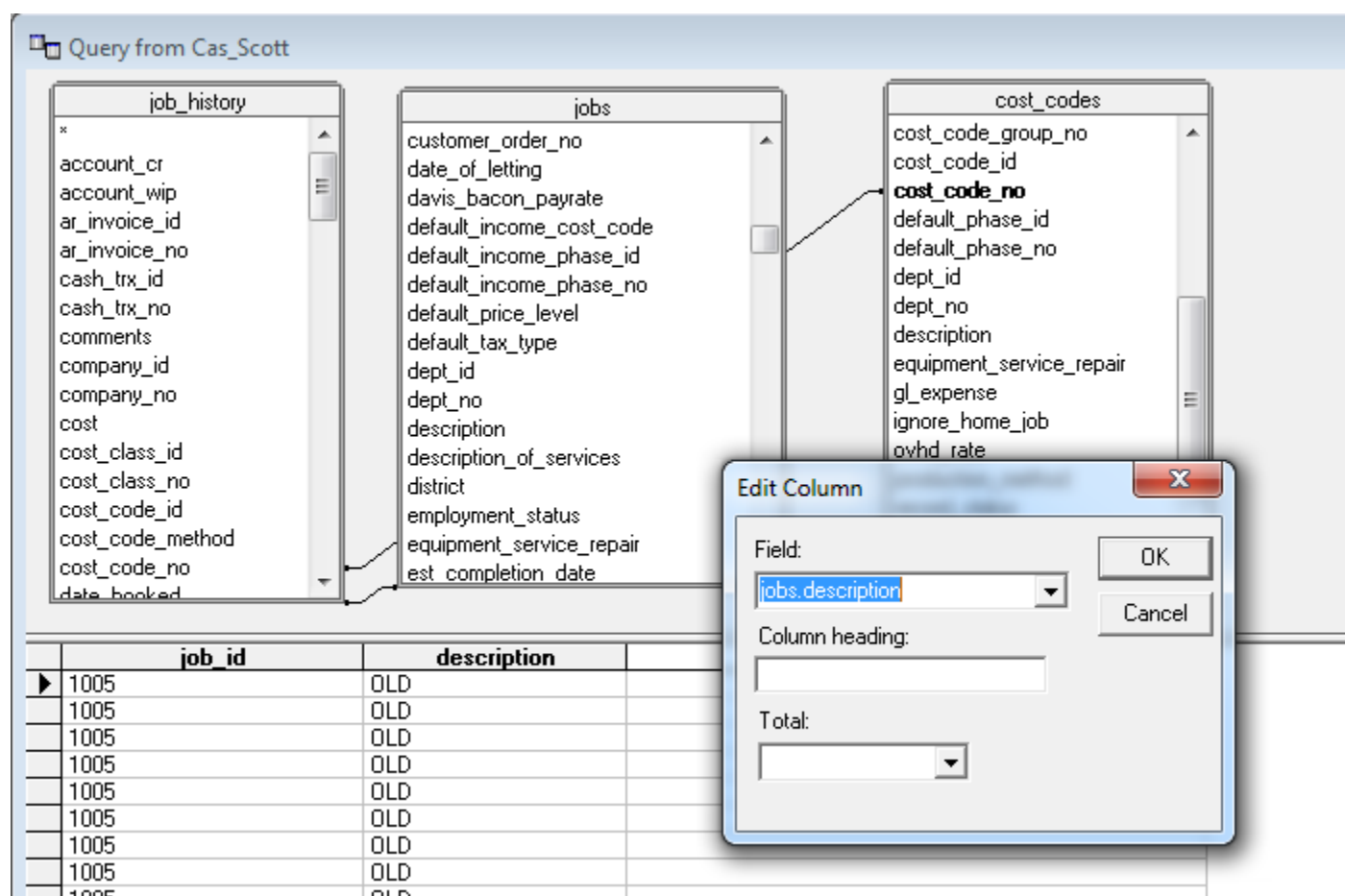
Ambiguous column name 'job_id'. Ambiguous column name 'description'. Statement(s) could not be prepared.

OK Help

job_id	description	job_id+'-'+description
1005	OLD	
1005	OLD	
1005	OLD	
1005	OLD	

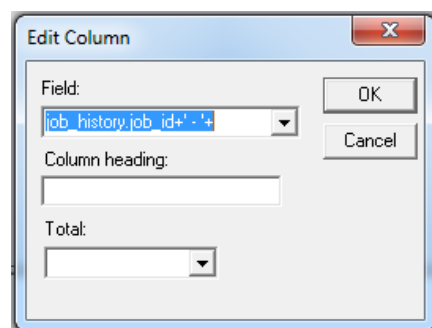
Ambiguous column name..... which means the query tool cannot figure out which table to pull the “job_id” and “description” fields from.

One way to overcome this is to “cheat”. Add the fields to the query manually, then double click on the column heading to see what table.field_name exists. In this example, it shows jobs.description, which means it is the description from the jobs table. If it were the description from the cost_codes table, it would read cost_codes.description.



To concatenate the Job ID and Description, copy the text “jobs.description” from the Field box in the Edit Column window. Click OK and double click on the job_id column heading and type in the manually entered text separated by the PLUS sign and a SINGLE QUOTE.

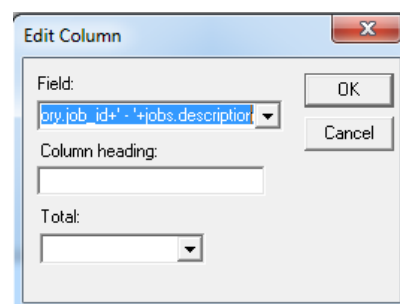
You should see : job_history.job_id+ ' - '+



At the end of this text, right click and paste the previously copied text.

You should now see:

job_history.job_id+ ' - '+jobs.description



Change the Column heading to JOB, and click OK.

Edit Column

Field:

job_history.job_id+' '+jobs.de

OK

Cancel

Column heading:

JOB

Total:

Query from Cas_Scott

job_history

jobs

cost_codes

JOB	description
201 - HOME / AWAY 2	HOME / AWAY 2
202 - Home / Away 2	Home / Away 2
100 - Home / Away Job	Home / Away Job
UPB - Unit Price Billing Job	Unit Price Billing Job
UPB - Unit Price Billing Job	Unit Price Billing Job
UPB - Unit Price Billing Job	Unit Price Billing Job
UPB - Unit Price Billing Job	Unit Price Billing Job
UPB - Unit Price Billing Job	Unit Price Billing Job
UPB - Unit Price Billing Job	Unit Price Billing Job
UPB - Unit Price Billing Job	Unit Price Billing Job
UPB - Unit Price Billing Job	Unit Price Billing Job

You may now delete the description field from the query, as it was simply used as a reference (or a crutch). With a bit of practice, you will be able to master manually typing the table and field names within the queries.

cost_class_no

cost_code_id

cost_code_method

cost_code_no

date_booked

description_of_services

district

employment_status

equipment_service_repair

est completion date

production_method

record_status

row_modified_by

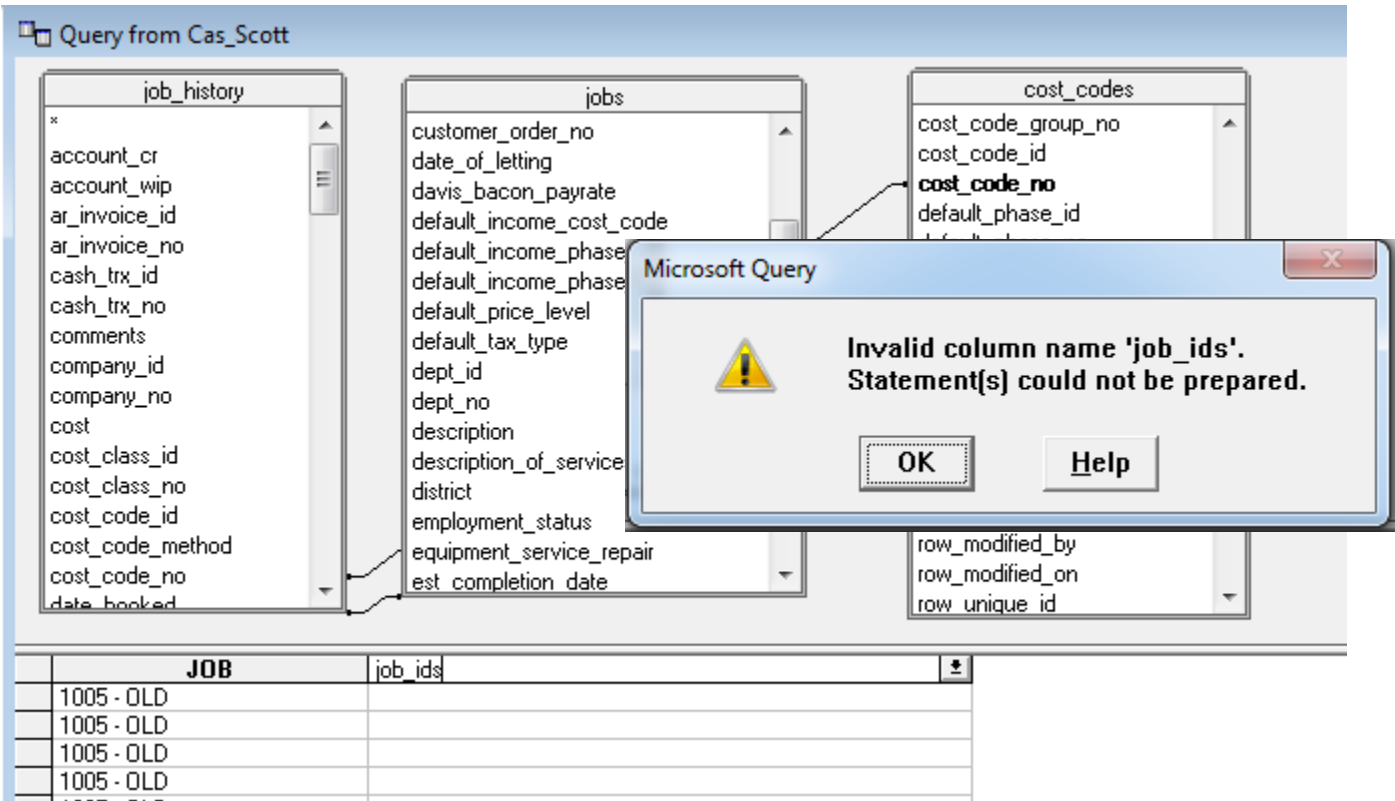
row_modified_on

row unique id

JOB
99100 - Office Overhead
99100 - Office Overhead
1000 - Strongsville Schools
1000 - Strongsville Schools
1004 - Bagley Road Resurface
1004 - Bagley Road Resurface
99100 - Office Overhead
99100 - Office Overhead

Invalid table references : this is what happens when you simply misspell a table or field name.

Since there is no field name “job_ids”, you will get the following error :



Ambiguous Reference = field names that exist in multiple tables. Invalid Column Name errors are due to poor judgement, or poor typing skills.

SURVEY QUESTION #2

Stacking Data in Excel

JOB INFORMATION	CONTRACT INFORMATION	CUSTOMER INFORMATION
5 Test New Budget This is the Job Address Pulls from JOB record Cleveland, OH 44111	Original Contract : \$43,332.00 Start Date : 01/00/00	1002 Mateway Building Co. 5393 Chippewa Rd. Customer Address Medina, OH 44256 (330) 220-8383
10 T&M Job JOB ADDRESS ON THE A/R TAB A/R TAB FOR P/Os ????? YES , IN DEED	Original Contract : \$0.00 Start Date : 01/00/00	10 T&M Client CUSTOMER REC 123 Rockwood Drive Cleveland, OH 44444 (330) 220-8383
51 Here is the Auto Refresh 115 Test Road Testville, TX 90989	Original Contract : \$0.00 Start Date : 01/00/00	116 Test Customer 115 Test Road Testville, TX 90989 (888) 888-8888
52	Original Contract : \$0.00	116

When returning data from a query, the table structure limits the data to a very linear format. Using the concatenate function in conjunction with the CHAR(10) formula will allow data to be “stacked” horizontally in a single column. Create a query accessing the customers and jobs table.

customers

address_1
address_2
billing_cycle_id
billing_cycle_no
billing_rate
bypass_service_c
certified_license
city
client_since
company_id

jobs

inv_usage_markup
job_contact
job_country
job_id
job_location
job_no
job_number
job_start_date
job_status
kc_cert_pr_local_tax_id
kc_cert_pr_local_tax_no

Criteria Field:

job_status

Value:

'A'

or:

job_id	description	address_1	address_2	city	state	zip_code	original_contract	job_start_date	customer_id
TESTIE	test ret	123 Rockwood Drive		Cleveland	OH	44444	.00		10
COMPCST	Committed Cost Job	123 Rockwood Drive		Cleveland	OH	44444	100000.00		10

Pull in the fields listed below in order:

jobs.job_id

jobs.description

jobs.address_1

jobs.address_2

jobs.city

jobs.state

jobs.zip_code

jobs.original_contract

jobs.job_start_date

jobs.customer_id

customers.name

customers.address_1

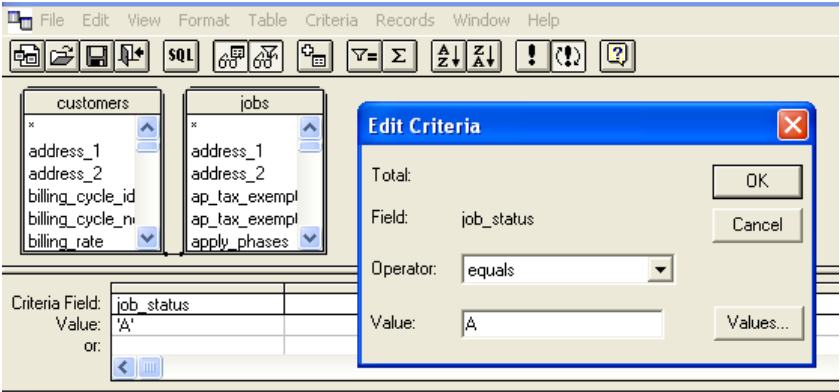
customers.address_2

customers.city

customers.state

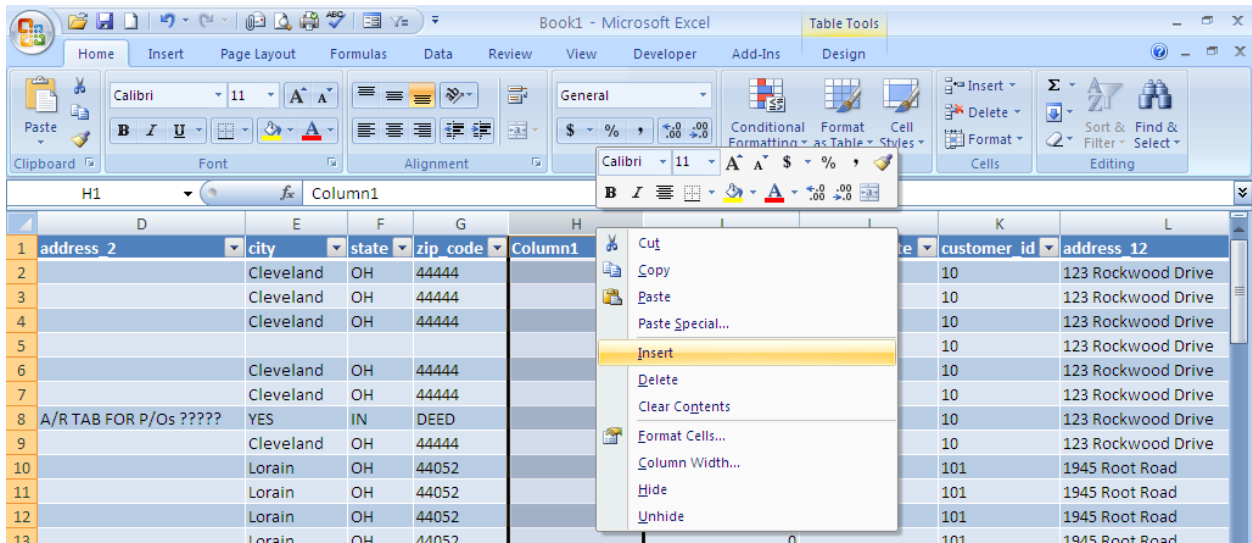
customers.zip_code

customers.phone_voice



In the Criteria Field, select jobs.job_status and choose Operator – equals / Value A. This will return only active jobs to our spreadsheet.

Decide which data you wish to appear in a single column and insert a column after the last row in that range. In this example, we will put the job number, name and address information all in one cell.



Char(10) is the ASCII code to start a NEW LINE within the cell.

In cell H2, enter the following equation:

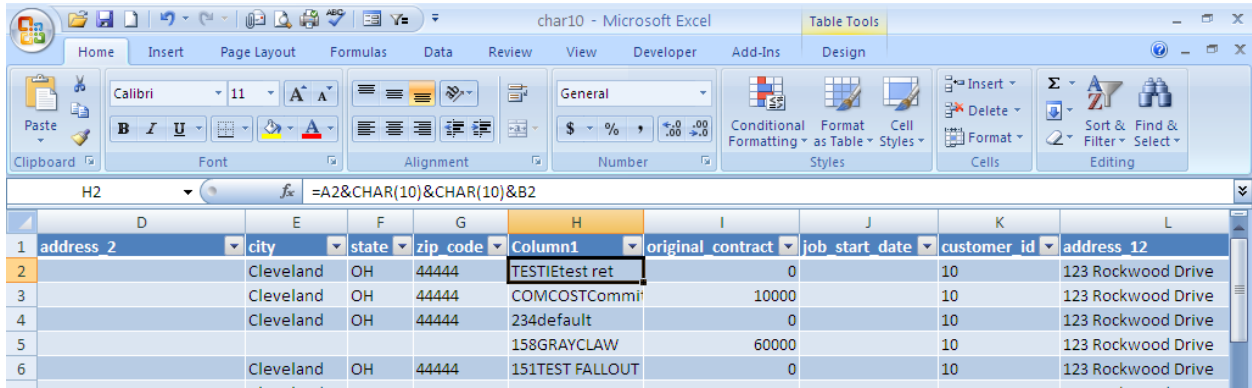
=A2&CHAR(10)&CHAR(10)&B2

-or-

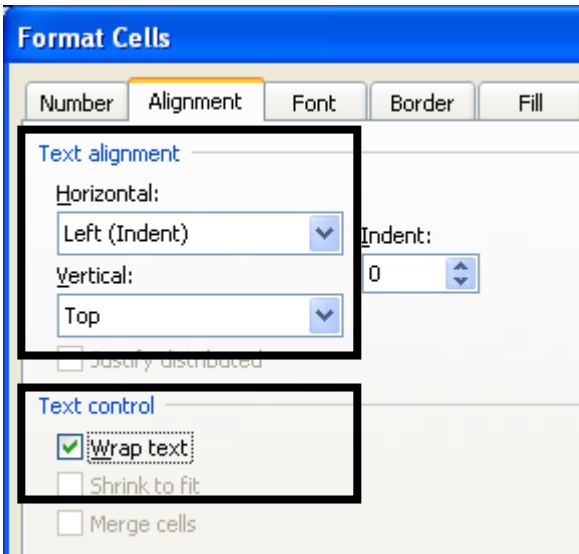
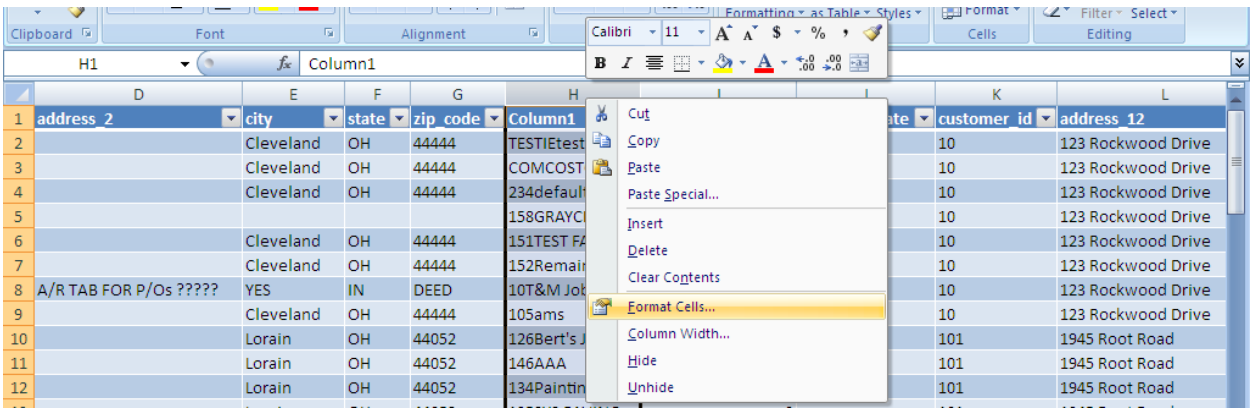
=concatenate(A2,char(10),char(10),B2)

Press enter, or click the check to validate the equation.

...not too special, it still looks like a cell that has been concatenated, without spacing to boot.



Right Click on the column heading and select Format Cells:



On the Alignment Tab, set the following options:

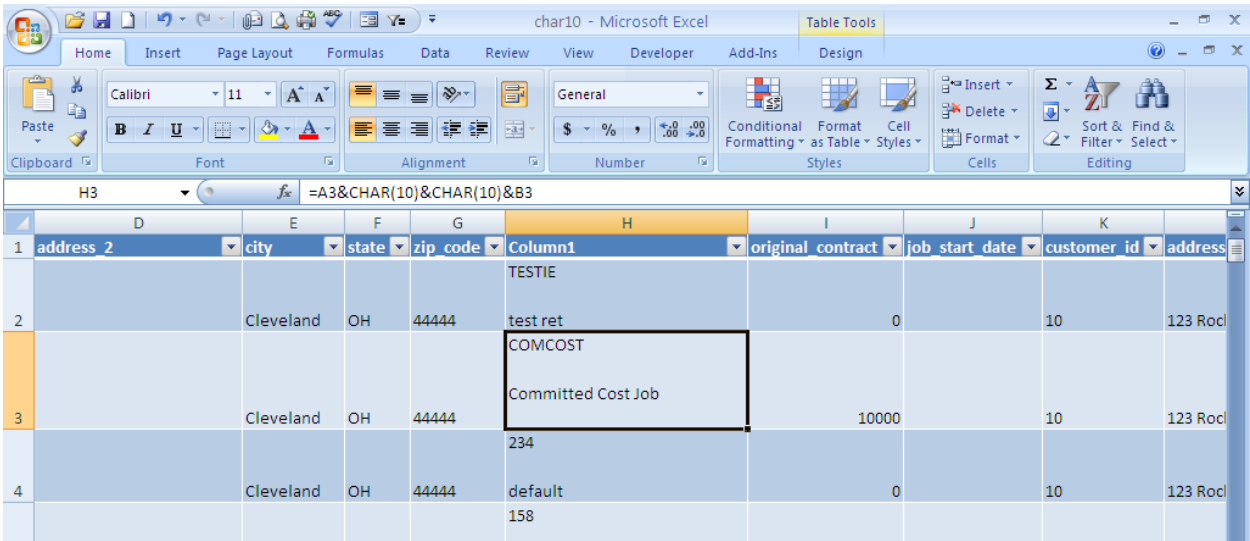
Text Alignment:

Horizontal: Left (Indent)
Vertical: Top

Text Control:

Check “Wrap Text”

Click OK with these options selected and resize the column. The data from two individual cells is now “stacked” vertically.



Continue writing the equation to include all columns A – G. Separate each cell reference with the char(10) code to produce a line feed between the cell references.

=A2&CHAR(10)&CHAR(10)&B2&CHAR(10)&C2&CHAR(10)&D2&CHAR(10)&E2&" "&F2&" "&G2

Pay attention to the change in cells E2, F2 and G2. This is the City, State and Zip Code information. These will not be separated by a line feed. These cells are separated by text designated/defined by the text in between double quotes.

Once the formula is written, press enter or validate the formula with the check mark to the left of the formula bar.

D1


fx

address_2

	D	E	F	G	H
1	address_2	city	state	zip_code	Column1
2			OH	44444	TESTIE
3			OH	44444	COMCOST
4			OH	44444	234
5					158
6			OH	44444	151
7			OH	44444	152
8	A/R TAB FOR P/Os ?????	YES	IN	DEED	10
9		Cleveland	OH	44444	105
10		Lorain	OH	44052	126

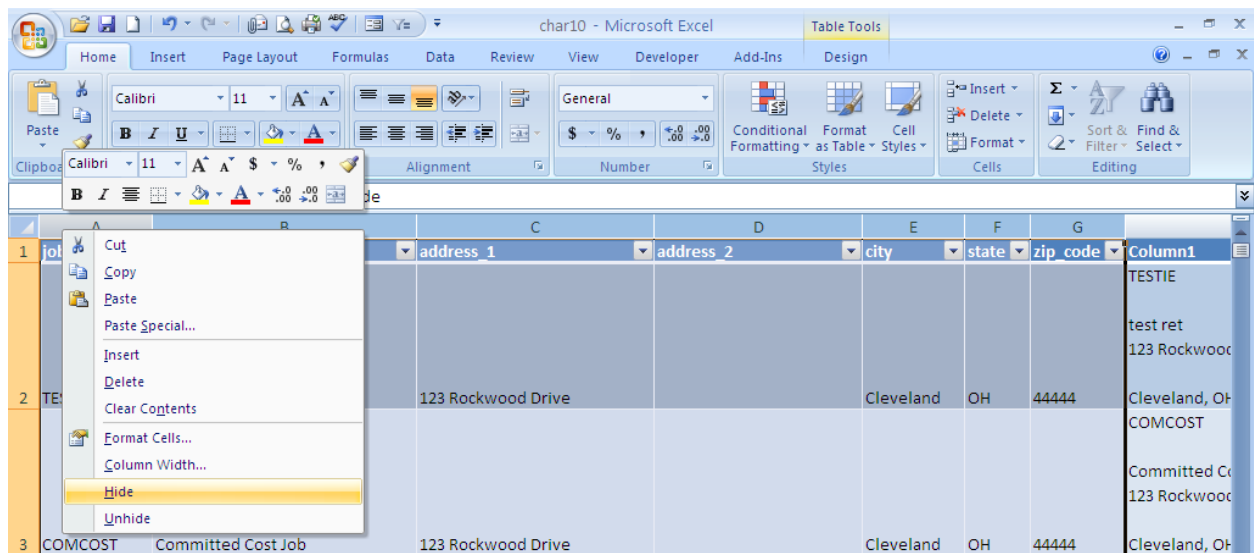
Click in the upper-most "cell" on top of the row numbers and to the left of the Column letters to select the entire sheet.

	D	E	F	G	H
1	address_2	city	state	zip_code	Column1
2		Cleveland	OH	44444	TESTIE
3				44444	COMCOST
4				44444	234
5					158
6				44444	151
7				44444	152

Double click the line that separates the rows. You will know when to double click when the pointer changes to 

Your row height should now be resized to the largest value in a particular column (in this case, the data contained in column H).

	D	E	F	G	H	I	J	K	
1	address_2	city	state	zip_code	Column1	original contract	job_start_date	customer id	address
					TESTIE				
					test ret 123 Rockwood Drive				
2		Cleveland	OH	44444	Cleveland, OH 44444	0		10	123 Roc
					COMCOST				
					Committed Cost Job 123 Rockwood Drive				
3		Cleveland	OH	44444	Cleveland, OH 44444	10000		10	123 Roc
					234				
					default 123 Rockwood Drive				
4		Cleveland	OH	44444	Cleveland, OH 44444	0		10	123 Roc



You have now formatted some of the Job information into a single Column:

	H	I	J	K	L	M	N	O
1	Column1	original contract	job start date	customer id	address 12	address 23	city4	state5
	TESTIE							
	test ret 123 Rockwood Drive							
2	Cleveland, OH 44444 COMCOST	0	10		123 Rockwood Drive		Cleveland	OH
	Committed Cost Job 123 Rockwood Drive							
3	Cleveland, OH 44444	10000	10		123 Rockwood Drive		Cleveland	OH

Insert a column after the Job Start Date:

Here we will “stack” the Original Contract Amount and the Job Start Date.... AND format the cells in the appropriate numeric and date format.

Start with some text that will precede the Contract Amount in Column I2.

= "Original Contract: "&DOLLAR(I2)

The Dollar(*cell reference*) function will turn the unformatted value into a currency format.

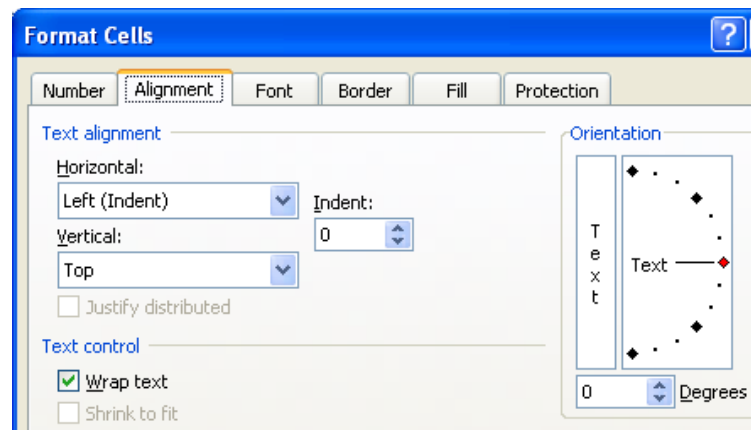
Continue the formula to include the CHAR(10) line feed options and include the following to format the Date value in cell J2.

TEXT(J2,"MM/DD/YY")

The complete formula is written as follows:

= "Original Contract: "&DOLLAR(I2)&CHAR(10)&CHAR(10)&"Start Date: "&TEXT(J2,"MM/DD/YY")

Format Column K in the same manner as Column H by selecting the appropriate settings in the Text Alignment and Text Control section of the Alignment tab.



What happens when I want to format a phone number within a cell formula:

R	S
phone voice	Column3
3302208383	(330) 220-8383

This is the Formula to be written in Cell S2:

=(" & LEFT(R2,3) & ") " & MID(R2,4,3) & "-" & RIGHT(R2,4)

Looks complicated, but if you break down the individual components between the ampersands (&) – the logic becomes clear:

The first part of the equation is the left parenthesis preceding the area code:

=”(“

Then we use the leftmost three digits from cell R2. LEFT(Cell reference, number of characters)

LEFT(R2,3)

Complete the Area Code formatting with a right side parenthesis and a space.

) “

Next, to separate the middle characters in the 4th, 5th and 6th position, use the MID function. MID(cell reference, starting character, number of characters from the starting character)

MID(R2,4,3)

Add the Dash between the first three digits

“-“

....And the final 4 characters of the 7 digit phone number. RIGHT(Cell reference, number of characters)

RIGHT(R2,4)

Ultimately we will combine the phone number in a “stacked” column to return all the data for the Customer into a single column:

**=L2&CHAR(10)&CHAR(10)&M2&CHAR(10)&N2&CHAR(10)&O2&"", "&P2&"
"&Q2&CHAR(10)&CHAR(10)&(" "&LEFT(R2,3)&") "&MID(R2,4,3)&""&RIGHT(R2,4)**

Hide the columns that are represented in the equation above and you will see the fruits of your labor:

Column1	Column2	Column3
TESTIE	Original Contract: \$0.00	10
Testret	Start Date: 01/00/00	123 Rockwood Drive
123 Rockwood Drive		Cleveland, OH 44444
Cleveland, OH 44444		(330) 220-8383
COMCOST	Original Contract: \$10,000.00	10
Committed Cost Job	Start Date: 01/00/00	123 Rockwood Drive
123 Rockwood Drive		Cleveland, OH 44444
Cleveland, OH 44444		(330) 220-8383
234	Original Contract: \$0.00	10
default	Start Date: 01/00/00	123 Rockwood Drive
123 Rockwood Drive		Cleveland, OH 44444
Cleveland, OH 44444		(330) 220-8383
138	Original Contract: \$80,000.00	10
GRAYCLAW	Start Date: 01/00/00	123 Rockwood Drive
		Cleveland, OH 44444
		(330) 220-8383
151	Original Contract: \$0.00	10
TEST FALLOUT	Start Date: 01/00/00	123 Rockwood Drive
123 Rockwood Drive		Cleveland, OH 44444
Cleveland, OH 44444		(330) 220-8383
152	Original Contract: \$0.00	10
Remaining Committed	Start Date: 01/00/00	123 Rockwood Drive
123 Rockwood Drive		Cleveland, OH 44444
Cleveland, OH 44444		(330) 220-8383
10	Original Contract: \$0.00	10
T&M Job	Start Date: 01/00/00	123 Rockwood Drive
JOB ADDRESS ON THE A/R TAB		Cleveland, OH 44444
A/R TAB FOR P/Os ?????		(330) 220-8383
YES, IN DEED		

From: <http://www.techonthenet.com/ascii/chart.php>

These are the ASCII decimal values and their related Character reference / functionality when entered in an excel formula.

DEC	Char	Description
0		null
1		start of heading
2		start of text
3		end of text
4		end of transmission
5		enquiry
6		acknowledge
7		bell
8		backspace
9		horizontal tab
10		new line
11		vertical tab
12		new page
13		carriage return
14		shift out
15		shift in
16		data link escape
17		device control 1
18		device control 2
19		device control 3
20		device control 4
21		negative acknowledge
22		synchronous idle
23		end of trans. block
24		cancel
25		end of medium
26		substitute
27		escape
28		file separator
29		group separator
30		record separator
31		unit separator
32		space
33	!	
34	"	
35	#	
36	\$	

37	%	82	R
38	&	83	S
39	'	84	T
40	(85	U
41)	86	V
42	*	87	W
43	+	88	X
44	,	89	Y
45	-	90	Z
46	.	91	[
47	/	92	\
48	0	93]
49	1	94	^
50	2	95	_
51	3	96	`
52	4	97	a
53	5	98	b
54	6	99	c
55	7	100	d
56	8	101	e
57	9	102	f
58	:	103	g
59	;	104	h
60	<	105	i
61	=	106	j
62	>	107	k
63	?	108	l
64	@	109	m
65	A	110	n
66	B	111	o
67	C	112	p
68	D	113	q
69	E	114	r
70	F	115	s
71	G	116	t
72	H	117	u
73	I	118	v
74	J	119	w
75	K	120	x
76	L	121	y
77	M	122	z
78	N	123	{
79	O	124	
80	P	125	}

SURVEY QUESTION #3

