

Creating a raw test data file from an Excel spreadsheet:

1. Type each field in a separate column.
 - a. Each byte of a field has to be accounted for – for example, if name is PIC X(15), then after entering Smith, be sure to press the spacebar 10 times.
 - b. For numeric fields, be sure to format the column as Text, so that leading zeros are kept in the data. This can be done by actually changing the format to text, or entering an apostrophe before typing the data.

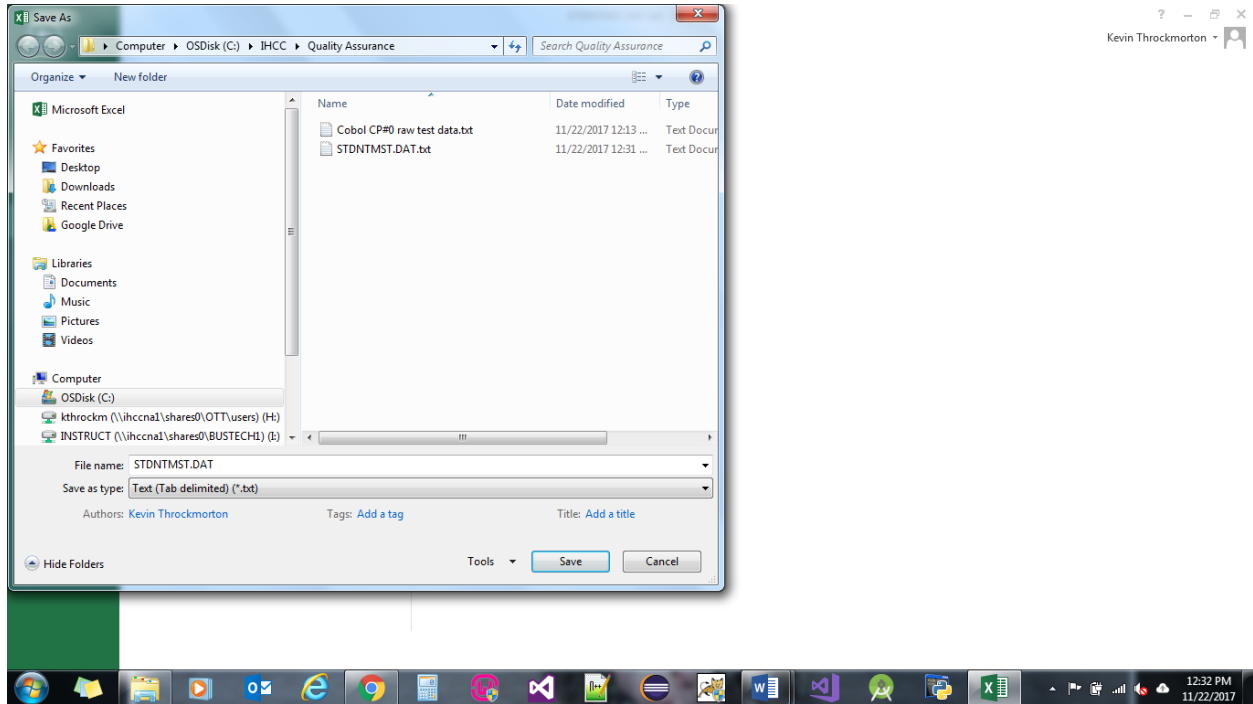
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S
1	1111111 Max Last NameXX	Joe	W	250	05000000														
2	2222222 Smith	Max 1st NameXXX	M	350	06000000														
3	3333333 Max GPA	Bob	W	999	07500000														
4	4444444 Max Salary	Mike	S	275	99999999														
5	5555555 Mouse	Mickey	M	400	15000000														
6	6666666 Mouse	Minnie	B	357	12500000														
7	7777777 Duck	Donald	D	230	08000099														
8																			
9																			
10																			
11																			
12																			
13																			
14																			
15																			
16																			
17																			
18																			
19																			
20																			
21																			

The following record layout matches the above Excel spreadsheet:

01	I-REC.	
05	I-ID	PIC X(7).
05	I-NAME.	
	10 I-LNAME	PIC X(15).
	10 I-FNAME	PIC X(15).
	10 I-INIT	PIC X.
05	I-GPA	PIC 9V99.
05	I-EX-STRT-SAL	PIC 9(6)V99.

Creating a raw test data file from an Excel spreadsheet:

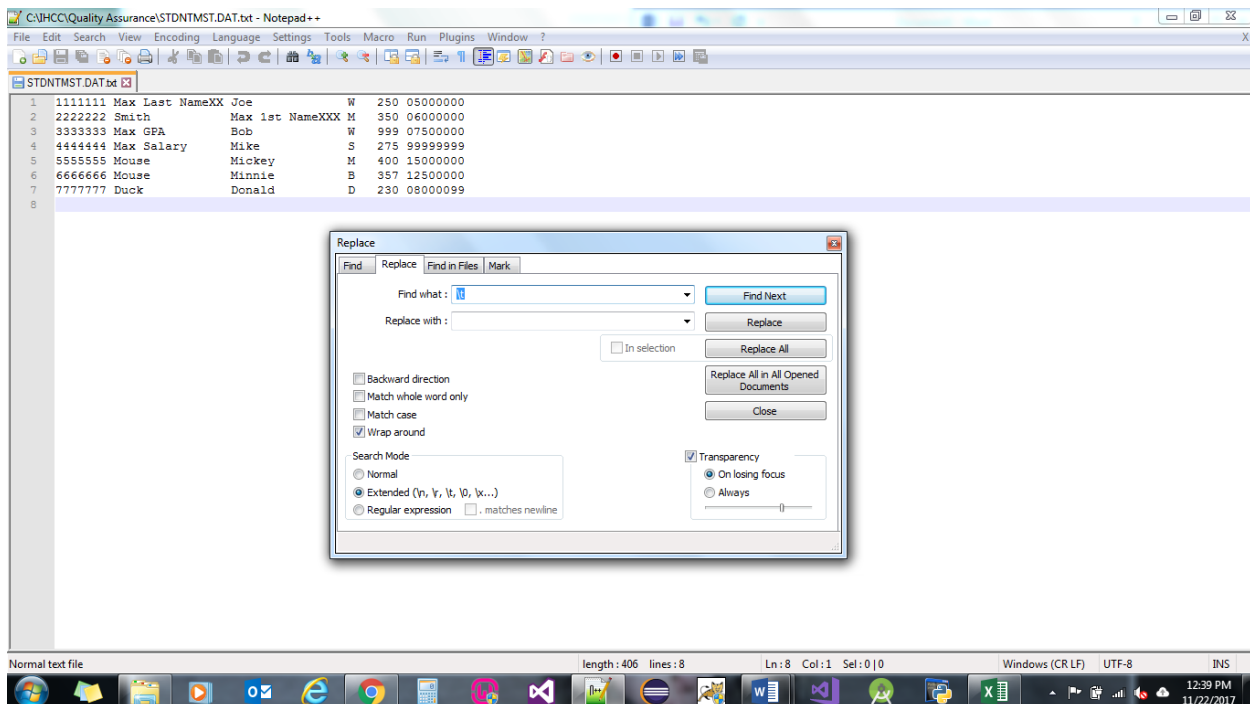
2. After saving the spreadsheet, we need to make a copy of it in another format so that it can be converted to a data file our program can input.
 - a. Choose a Save-As Type of Text (Tab-delimited)
 - b. Name the file with a .dat extension
 - c. You may have to rename the file again in order to remove the .txt extension



Creating a raw test data file from an Excel spreadsheet:

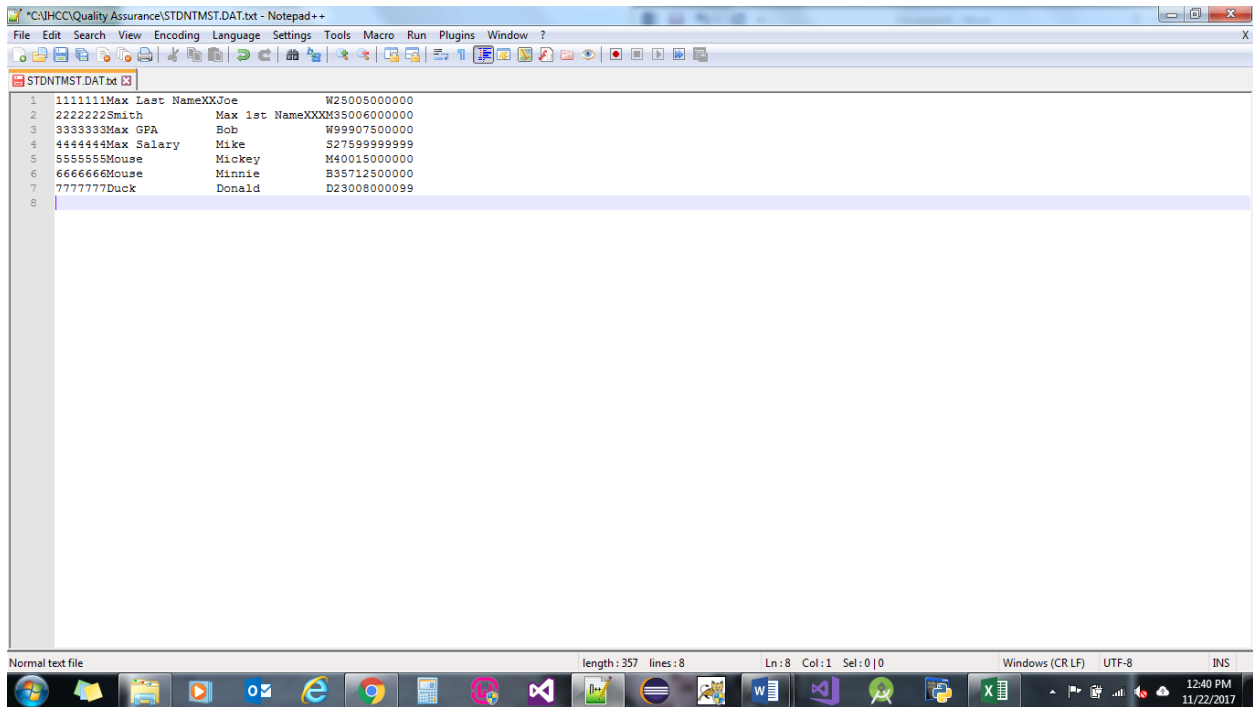
3. Open file with Notepad++.
 - a. Notice the file has a blank space between each field. This is actually the tab character, and needs to be removed so that the file matches our record layout.
 - b. Click on Search→Replace
 - c. Click the Extended option under Search Mode
 - d. Enter \t in the Find what field
 - e. Do not enter anything in Replace with field
 - f. Basically, we are removing the tab characters from the data
 - g. Click the Replace All button, and notice the change in the data.
4. Save your file using “All types” and remove the .txt extension

Data before removing tab characters:



Creating a raw test data file from an Excel spreadsheet:

Data after removing tab characters:



```
1 1111111Max Last NameXXJoe W25005000000
2 2222222Smith Max 1st NameXXXM35006000000
3 3333333Max GPA Bob W99907500000
4 4444444Max Salary Mike S27599999999
5 5555555Mouse Mickey M40015000000
6 6666666Mouse Minnie B35712500000
7 7777777Duck Donald D23008000099
8
```

Normal text file length: 357 lines: 8 Ln: 8 Col: 1 Sel: 0 | 0 Windows (CR LF) UTF-8 INS 12:40 PM 11/22/2017