

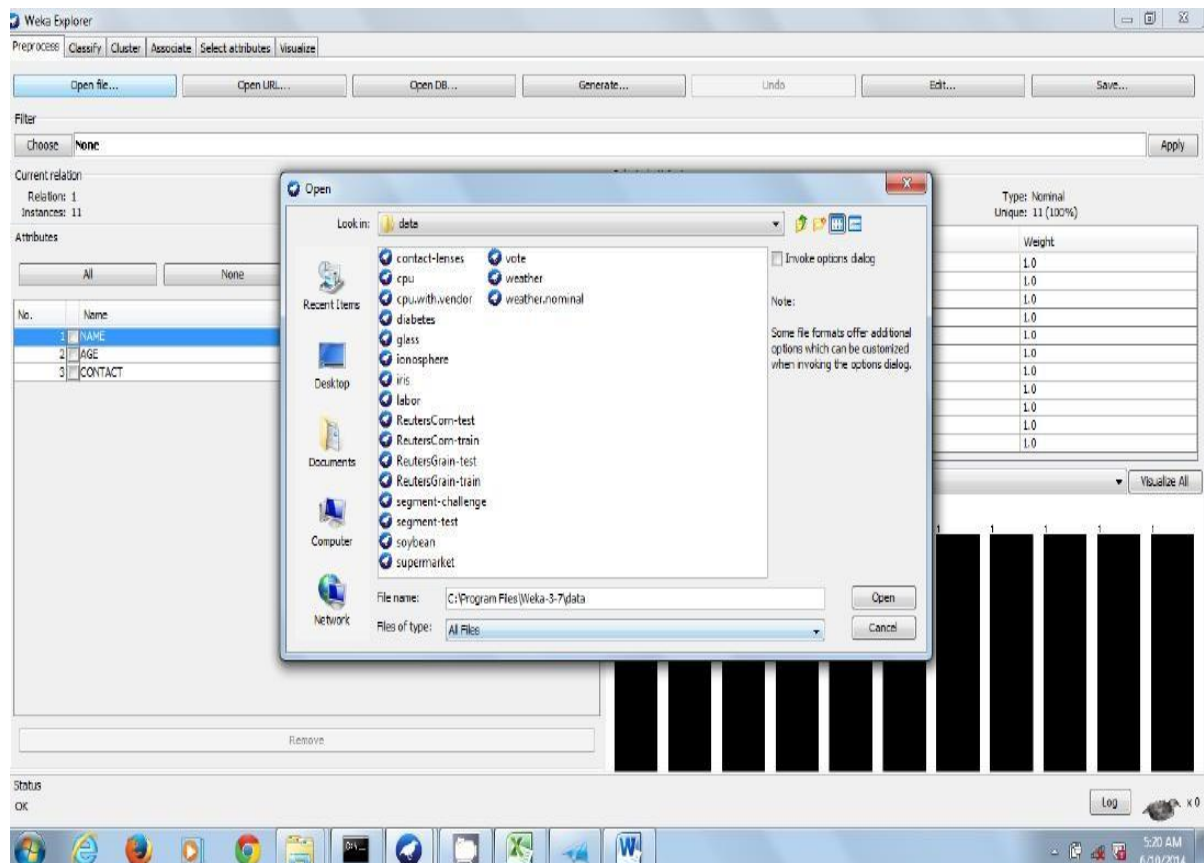
EX : 2 Creating new Arff File

To Create Data in .arff format

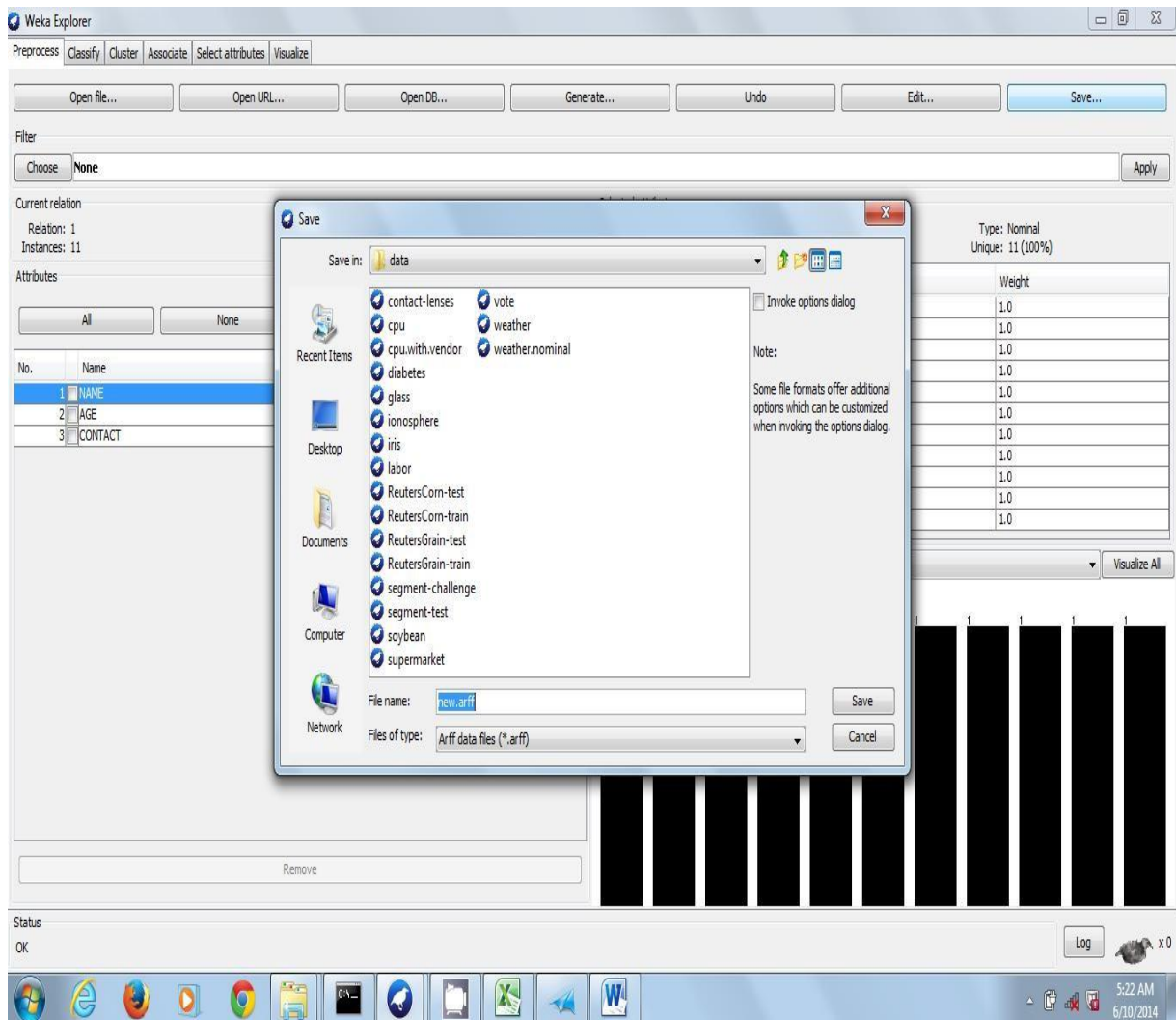
Input File: bank_data.csv

Procedure:

- Open MS Excel.
- Create a new worksheet with respective headings and data.
- Save the file with .csv extension
- Open Preprocessor tab in explorer
- Click open the file button and browse the file to open.
- Load the desired .csv file using open File tab.



Click **SAVE** shown... dialog box opens save with extension as **.arff**



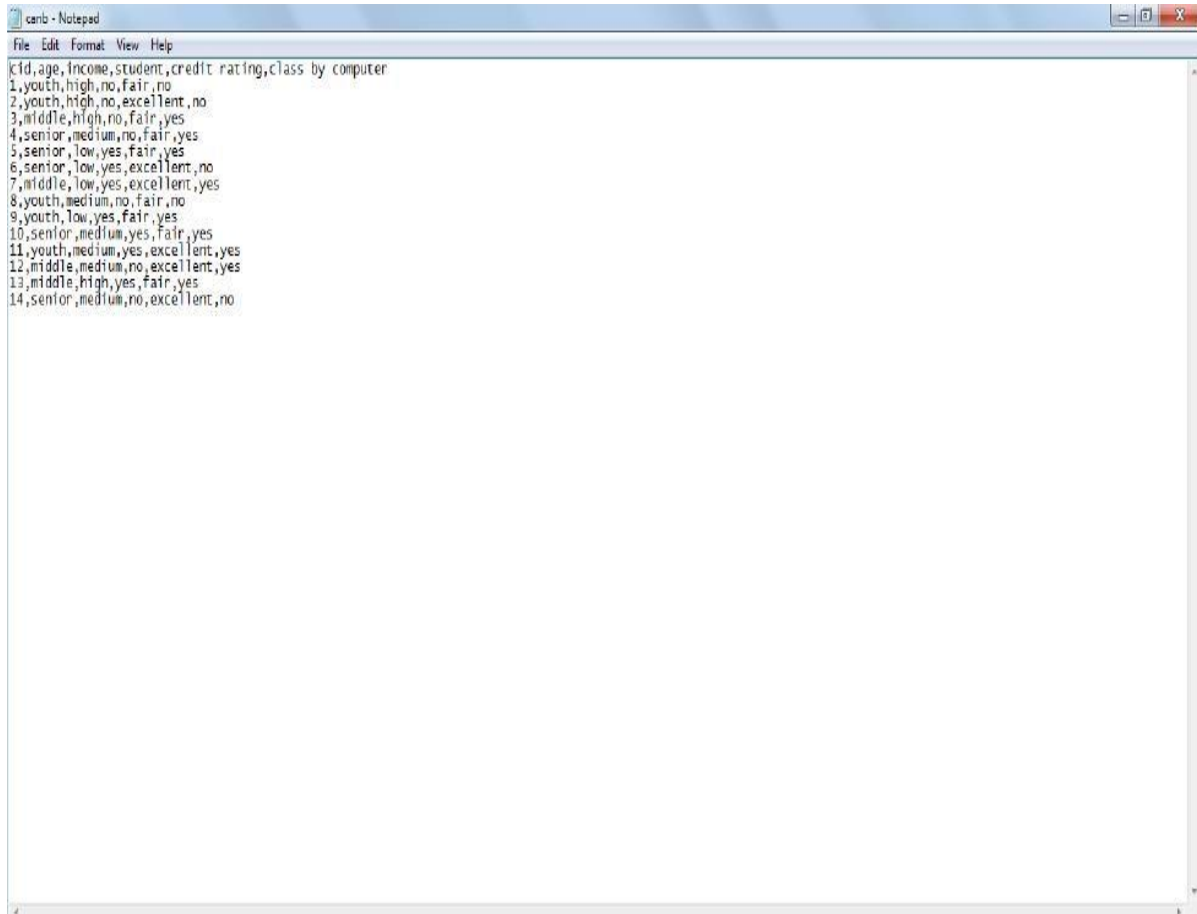
2. Create data in .csv format and store it in .arff format

Input: bank_data

Procedure:

- Open notepad and type the arff header information.
- Add data with respect to the given field separated by commas
- Save file as bank_data with .arff extension
- Open preprocessor tab of weka in the explorer
- Click open the button and browse the file bank_data.arff
- If the data has been entered without any errors then the file details will be available on the preprocessor screen.

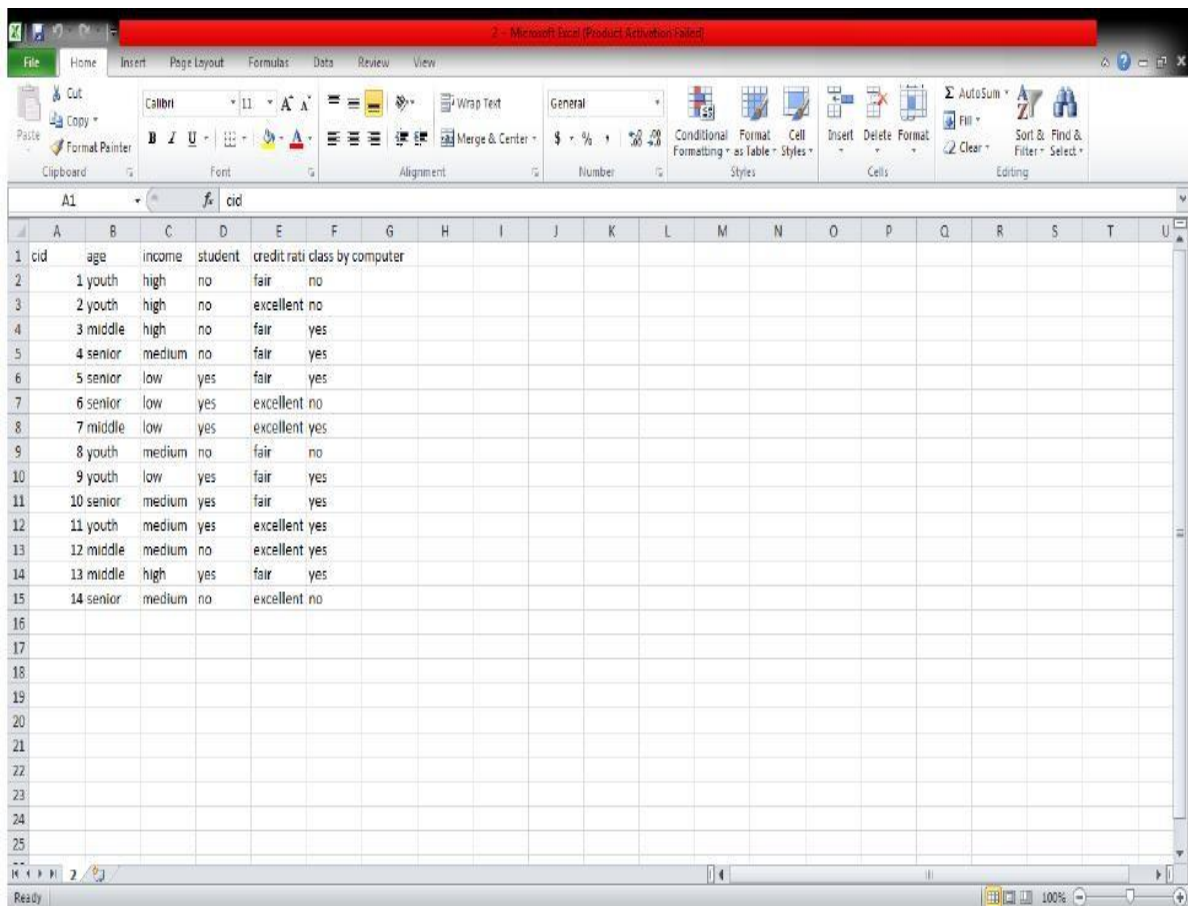
Insert data fields in note pad like shown and save with extension .csv choosing all files of type:



The screenshot shows a Notepad window titled "canb - Notepad". The menu bar includes "File", "Edit", "Format", "View", and "Help". The text content is a CSV file with a header row and 14 data rows. The header row is: "x1d,age,income,student,credit rating,class by computer". The data rows are numbered 1 through 14. The text is as follows:

```
x1d,age,income,student,credit rating,class by computer
1,youth,high,no,fair,no
2,youth,high,no,excellent,no
3,middle,high,no,fair,yes
4,senior,medium,no,fair,yes
5,senior,low,yes,fair,yes
6,senior,low,yes,excellent,no
7,middle,low,yes,excellent,yes
8,youth,medium,no,fair,no
9,youth,low,yes,fair,yes
10,senior,medium,yes,fair,yes
11,youth,medium,yes,excellent,yes
12,middle,medium,no,excellent,yes
13,middle,high,yes,fair,yes
14,senior,medium,no,excellent,no
```

A csv file looks like



The screenshot shows a Microsoft Excel spreadsheet with the following data:

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
1	cid	age	income	student	credit rating	class by computer															
2		1 youth	high	no	fair	no															
3		2 youth	high	no	excellent	no															
4		3 middle	high	no	fair	yes															
5		4 senior	medium	no	fair	yes															
6		5 senior	low	yes	fair	yes															
7		6 senior	low	yes	excellent	no															
8		7 middle	low	yes	excellent	yes															
9		8 youth	medium	no	fair	no															
10		9 youth	low	yes	fair	yes															
11		10 senior	medium	yes	fair	yes															
12		11 youth	medium	yes	excellent	yes															
13		12 middle	medium	no	excellent	yes															
14		13 middle	high	yes	fair	yes															
15		14 senior	medium	no	excellent	no															
16																					
17																					
18																					
19																					
20																					
21																					
22																					
23																					
24																					
25																					

RESULT: Data are successfully created and uploaded.