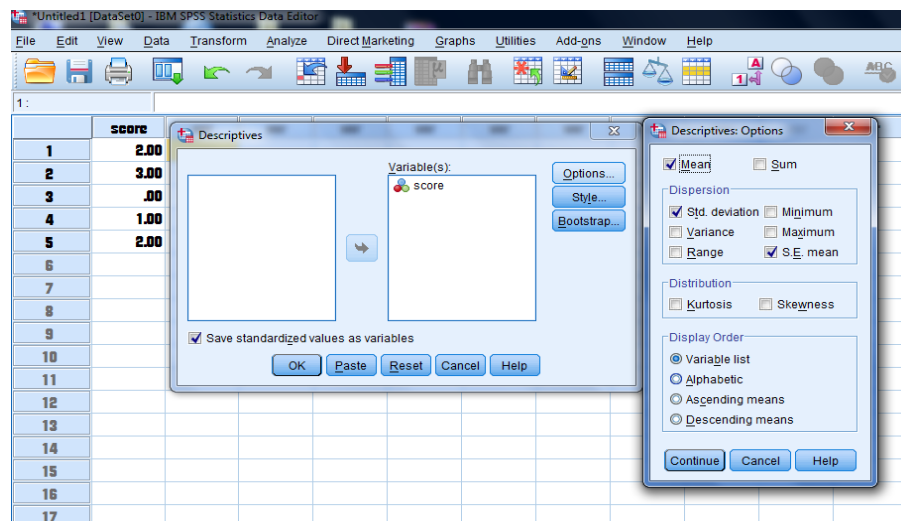
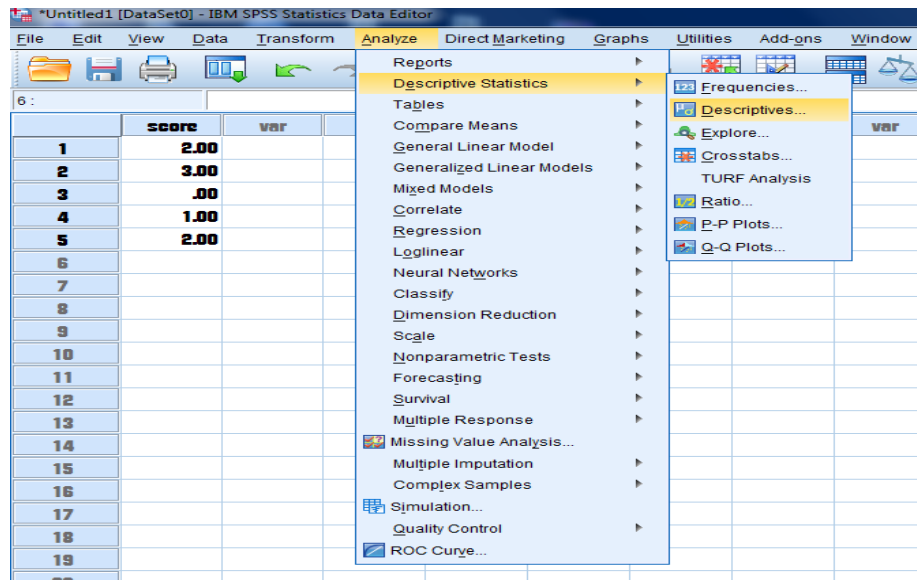
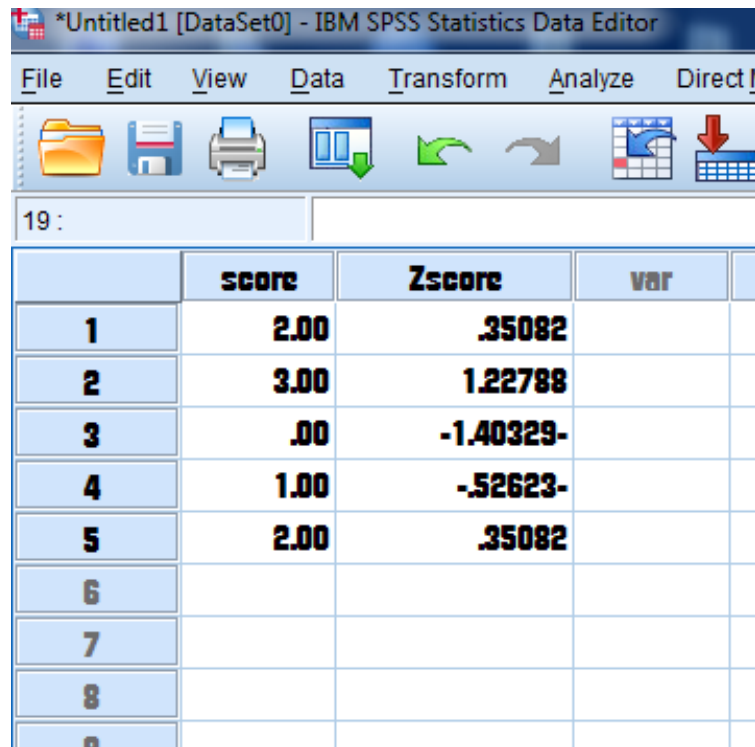


Data analysis

To calculate z-score click on analyze then descriptive statistics dialog window as shown below.





*Untitled1 [DataSet0] - IBM SPSS Statistics Data Editor

	score	Zscore	var
1	2.00	.35082	
2	3.00	1.22788	
3	.00	-1.40329	
4	1.00	-.52623	
5	2.00	.35082	
6			
7			
8			
9			

SPSS Output Window

After running descriptive statistics, the results appear in a different window, known as SPSS output viewer window as shown below.

Descriptive Statistics				
	N	Mean		Std. Deviation
	Statistic	Statistic	Std. Error	Statistic
score	5	1.6000	.50990	1.14018
Valid N (listwise)	5			

Saving SPSS data file click on file then save data as shown below

The screenshot shows the IBM SPSS Statistics Viewer window with the File menu open. The menu options include: New, Open, Open Database, Read Text Data..., Read Cognos Data..., Close (Ctrl+F4), Save (Ctrl+S), Save As..., Export As a Web Report..., Export..., Display Data File Information, Stop Processor (Ctrl+Period), Switch Server..., Repository, Collect Variable Information, Page Attributes..., Page Setup..., Print Preview, Set Viewer Output Options (Syntax)..., Print... (Ctrl+P), Recently Used Data, Recently Used Files, and Exit.

The main window displays the following text:

```
VARIABLES=score
SUMMARY
  MEAN STDDEV SEMEAN.
```

Below the text is a table titled "Descriptive Statistics":

N		Mean		Std. Deviation	
Statistic	Statistic	Std. Error	Statistic	Statistic	Statistic
	5	1.6000	.50990		1.14018
	5				

The status bar at the bottom indicates "IBM SPSS Statistics Processor is ready" and "Unicode:ON". The system clock shows 11:46 on 2018/03/01.

The screenshot shows the "Save Output As" dialog box. The "Look in:" field is set to "Desktop". The file list includes:

- Computer
- Network
- Libraries
- ali tariq
- ALAA CANON
- bag
- LBP-1120_R110_V110_Win_x32_EN_7
- New folder
- programs
- work shop details
- workshop 2017
- workshop example
- بحث الجنائيات نوح اديبه
- تعليم
- محاضرات صمحه
- محاضر الجانه الحثيه
- Canon LASER SHOT LBP-1120
- Output1.spv
- Z1.spv

The "File name:" field contains "Output2". The "Save as type:" dropdown is set to "Viewer Files (*.spv)". There are checkboxes for "Lock file to prevent editing in Smartreader" and "Encrypt file with password", both of which are unchecked. The "Store File To Repository..." button is at the bottom.

Buttons on the right include "Save", "Paste", "Cancel", and "Help".

