



AIM:

PROCEDURE:

Step 1: Start Ms Excel application in Ms- office.

Step 2: Create a datasheet for student marks in Ms Excel application.

Step 3: Calculate the Maximum of the given marks using max function.

Step 4: Calculate the Minimum of the given marks using MIN function.

Step 5: Calculate the average of the given marks using average function.

Step 6: Calculate the sum of the given marks using the sum function.

Step 7: Calculate the square root of the given mark using SQRT function.

Step 8: Calculate the Round of the given mark using the Roundup function.

Step 9: Display the desired output of all numerical operations in neat format.

Step 10: Save the excel file and Close the Ms Excel application.



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Output :

Numerical Operations (MAX,MIN,AVG,SUM,SQRT,ROUND)							
Sno	RegNo	Name	BA	FSW	CN	UI/UX	DC
1	5001	Abi	80	77	60	90	55
2	5002	Anitha	83	72	64	99	58
3	5003	Bala	85	89	66	92	68
4	5004	Charles	80	45	78	92	97
5	5005	Dviya	81	90	66	91	90
Various Operations	Max Mark		85	90	78	99	97
	Min Mark		80	45	60	90	55
	Average Mark		81.8	74.6	66.8	92.8	73.6
	SQRT OF ANY		8.944272	8.774964	7.745967	9.486833	7.416198
	Round Of Mark		82	75	67	93	74

RESULT:



AIM:

PROCEDURE:

Step 1: Start Ms Excel application in Ms- office.

Step 2: Create a datasheet for student marks in Ms Excel application.

Step 3: Save the excel file.

Step 4: Export the file into CSV file using file menu and export option.

Step 5: Next, import the CSV file using the data menu and get the data option.

Step 6: Display the desired output in neat format.

Step 7: Save the excel file and Close the Ms Excel application.

Data Import Export Operations for Different Luckmats

Excel can import and export many different file types aside from the standard sats format. If your data is shared between other programs, like a database, you may need to save data as a different file type or being in files of a different file type

EXPORT DATA

When you have data that needs to be transferred to another system, export it from Excel in a Format that can be interpreted by other programs, such as a text or CSV file.

- 1.Click the File tab
2. At the left, click Export.



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3. Click the Change File Type.

4. Under Other File Types, select a file type.

- Text (Tab delimited): The cell data will be separated by a tab.
- CSV (Comma delimited): The cell data will be separated by a comma.
- Formatted Text (space delimited): The cell data will be separated by a space.
- Save as Another File Type: Select a different file type when the Save As dialog box appears.

The file type you select will depend on what type of file is required by the program that will consume the exported data.

5. Click Save As

6. Specify where you want to save the file

7 Click Save

A dialog box appears stating that some of the workbook features may be lost

8. Click Yes

OUTPUT FOR EXPORTING THE FILE

The screenshot shows the 'Export' dialog box with the following interface:

- Export** (button): Create PDF/XPS Document
- Change File Type** (button): Selected.
- Change File Type** section:
 - Workbook**: Uses the Excel Spreadsheet format.
 - OpenDocument Spreadsheet**: Uses the OpenDocument Spreadsheet format.
 - Macro-Enabled Workbook**: Macro enabled spreadsheet.
 - Excel 97-2003 Workbook**: Uses the Excel 97-2003 Spreadsheet format.
 - Template**: Starting point for new spreadsheets.
 - Binary Workbook**: Optimized for fast loading and saving.
- Other File Types** section:
 - Text (Tab delimited)**: Text format separated by tabs.
 - Formatted Text (Space delimited)**: Text format separated by spaces.
 - CSV (Comma delimited)**: Text format separated by commas.
 - Save as Another File Type** (button): Selected.
- Save As** (button):



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IMPORT DATA

Excel can import data from external data sources including other files, databases, or web pages

1. Click the Data tab on the Ribbon
2. Click the Get Data button.

Some data sources may require special security access, and the connection process can often be very complex. Enlist the help of your organization's technical support staff for assistance

3. Select From File
4. Select From Text/CSV

If you have data is import from Access, the wats, or another source, select one of these options in the Get External Data group instead

5. Select the file you want to import
6. Chick Import

If, while importing external data, a security notice appears saying that it is connecting to an external source that may not be safe, click OK

7. Verify the preview looks correct

Because we've specified the data is separated by commas, the delimiter is already set. If you need to change it, it can be done from this menu.

- 8.Click Load



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OUTPUT FOR IMPORTING THE FILE

Column1	Column2	Column3	Column4	Column5	Column6	Column7	Column8
Numerical Operations							
(MAX,MIN,AVG,SUM,SQRT,ROUND)							
Sno	RegNo	Name	BA	FSW	CN	UI/UX	DC
1	5001	Abi	80	77	60	90	55
2	5002	Anitha	83	72	64	99	58
3	5003	Bala	85	89	66	92	68
4	5004	Charles	80	45	78	92	97
5	5005	Dviya	81	90	66	91	90
Various Operations		Max Mark	85	90	78	99	97
		Min Mark	80	45	60	90	55
		Average Mark	81.8	74.6	66.8	92.8	73.6
		SQRT OF ANY	8.94427191	8.774964387	7.745966692	9.486832981	7.416198487
		Round Of Mark	82	75	67	93	74

RESULT: