· Microsoft Excel:

Microsoft Excel is a helpful and powerful program. for data analysis and documentation. It is a spreadsheet program, which contains a number of rows and columns, where each intersection of a column and row a called a cell, and each cell contains one point of data of one piece of information. It is used to perform various operations like colculations, pivor tasses, graph, ch.

In this lab, we are going to include make of 24 students in MS-Excel and use different formulas to colculate the required result.

The name of students along with their obtained morks in each of 5 subject is entered and the following formulas are used:

1) Highlighting red color for cells containing morks 224:
For each obtained marks containing less than 24
Per failed, the cells are seleved and under conditional formatting -> less than, tob, 24 is entered so that students getting less than 24 marks are highlighted red in their respective cells.

2) For Total marks:

R3 = SUM (E3, M3, K3, N3, D3) to colculate sum of obtained marks in 5 subjects.

3) For Percentage:

Tab the % sign on Home menu, then 53 = 123/300)

as 200 u the total morts.

4) FOR RESULT:

73 (= JF (MJN (E2: Q2) >= 24, "PASS", "FAIL"))

and also, the Result column a selected then under conditioned formetting -> Highlight cell rules -> text that contains a selected and "FATL" is entered.

This highlights "FAJL" Students, cells filling red woor.

5) Por Division:

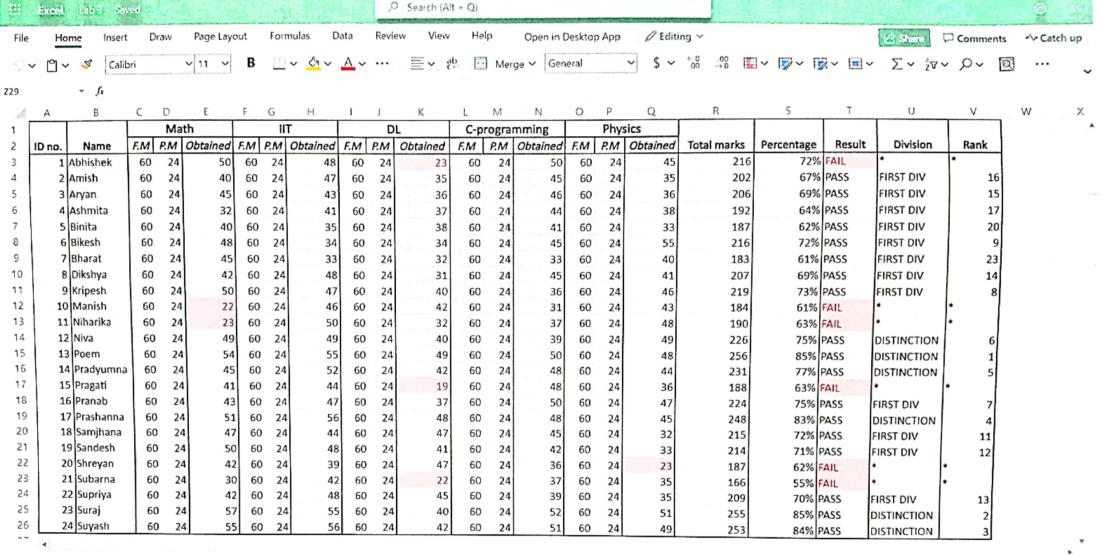
% & selected in Home Tob, then

U3 (= IF (AND (T3="PASS", S3>=75%), "DJSTJNCTJON",

JF (AND (T3="PASS", S3>=60%), "FIRST DTV", JF (AND (T3="PASS", S3>=50%), "SECOND DJU", "*"))))

6) For RANK: V3(= IF (T3="FAIL", " *", RANK [S3, \$\$\$3: \$\$\$26)))

In conclusion, these formulas help us create a spreadshee of students with their results and saves us much time with accuracy.



≡ Sheet1 +

Calculation Mode: Automatic Workbook Statistics

Give Feedback to Microsoft

- 115% +