

PRACTICAL NO 13

Create a Complete Student Result Management Workbook

Aim: Create a Complete Student Result Management Workbook

a) Create a new workbook with 3 sheets

Open MS Excel

Create a New Workbook

Rename the sheets as:

Student Data

Marks Analysis

Charts

b) Enter Student Data (Student Data Sheet)

c) Use Flash Fill (Split Full Name)

Insert two new columns:

First Name

Last Name

In First Name column, type:

Rahul

In Last Name column, type:

Sharma

Select both cells → Data Tab → Flash Fill

Excel automatically splits all names

d) Use Find & Replace (Correct City Name)

Press Ctrl + H

Find what: Delhii

Replace with: Delhi

Click Replace All

All wrong city names corrected.

e) Use IF Function for Pass/Fail

In Marks Analysis Sheet

Columns

Total Formula (Cell E2)

Excel

=B2+C2+D2

Pass / Fail Formula (Cell F2)

Excel

=IF(E2>=120,"Pass","Fail")

f) Use COUNTIF to Count Students from Delhi

Formula (Anywhere in Marks Analysis Sheet)

Excel

=COUNTIF(Student_Data!D2:D16,"Delhi")

This gives total number of students belonging to Delhi.

Data Table:

FULL NAME	FIRST NAME	LAST NAME	CLASS	ROLL NO.	STATE	ENG-MARKS	PHY-MARKS	MATHS-MARKS	TOTAL	AVERAGE	RESULT	NO.OF STUDENT PASS	NO.OF STUDENT FAIL	CLASS AVG(OVERALL)	MAX	MIN
SHIVAM RAU	SHIVAM	RAJ	9	1	BIHAR	15	45	45	105	35	FAIL	7	8		58	108
RAHUL PAHARI	RAHUL	PAHARIYA	9	2	BHOPAL	57	47	46	150	50	PASS					
RAJNAB BHARI	RAJNAB	BHARDWAJ	9	3	SRI NAGAR	59	48	49	157	52	PASS					
ADITYA SINGH	ADITYA	SINGH	9	4	GOA	32	51	52	135	45	FAIL					
NITISH RAJAK	NITISH	RAJAK	9	5	CHHATTISGARH	63	59	55	177	59	PASS					
AMIT MANDAL	AMIT	MANDAL	9	6	JHARKHAND	65	55	22	142	47	FAIL					
SHIVAM KUNHA SHIVAM	KUNHA	SHIVAM	9	7	BIHAR	67	33	61	161	54	FAIL					
RAJA SINGH	RAJA	SINGH	9	8	MUMBAI	69	59	64	192	64	PASS					
RANJIT SINGH	RANJIT	SINGH	9	9	UTTARAKHAND	29	61	67	157	52	FAIL					
RAJMANI SINGH	RAJMANI	SINGH	9	10	SIKKIM	38	69	70	177	59	FAIL					
RAJ MEHTA	RAJ	MEHTA	9	11	NGALAND	75	65	73	213	71	PASS					
ANAND KUMAR ANAND	KUMAR	ANAND	9	12	JAMMU & KASH	77	67	76	220	73	PASS					
AKASH MAHAT	AKASH	MAHAT	9	13	GUJARAT	79	69	79	227	76	PASS					
ANKIT RAO	ANKIT	RAO	9	14	HARYANA	81	31	82	194	65	FAIL					
SHURVA ROY	SHURVA	ROY	9	15	UTTAR PRADESH	83	38	85	206	69	FAIL					

Pie Charts & Bar Charts

