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Advanced Excel Assignment – 11

1. Use the below table for the following Questions

Roll No.	Name of the student	Sub-1	Sub-2	Sub-3	Sub-4	Sub-5	Sub-6
100101	Rohan	72	55	52	69	95	32
100102	Mo han	65	51	63	85	71	69
100103	Ravi meheta	72	56	78	85	47	68
100104	Ruby tondon	68	71	85	84	78	60
100105	Radhika gupta	80	78	58	65	68	45
100106	Rakhi	61	78	45	62	75	64
100107	david	78	69	96	52	63	87
100108	mon ika mis hra	96	85	86	84	45	63
100109	Tommy singh	75	63	54	63	61	98
100110	p.rakesh	63	52	96	87	78	45

2. Find the Minimum Marks and Maximum marks scored by each student.

F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
Roll No.	Name of the student	Sub-1	Sub-2	Sub-3	Sub-4	Sub-5	Sub-6	Sum	Average	Percentage	rank	minimum	maximum	
100108	Monika	96	85	86	84	45	63	459	76.5	0.11	1	45	96	
100104	Ruby	68	71	85	84	78	60	446	74.33333	0.11	2	60	85	
100107	David	78	69	96	52	63	87	445	74.16667	0.11	3	52	96	
100110	Rakesh	63	52	96	87	78	45	421	70.16667	0.10	4	45	96	
100109	Tommy	75	63	54	63	61	98	414	69	0.10	5	54	98	
100103	Ravi	72	56	78	85	47	68	406	67.66667	0.10	6	47	85	
100102	Mohan	65	51	63	85	71	69	404	67.33333	0.10	7	51	85	
100105	Radhika	80	78	58	65	68	45	394	65.66667	0.10	8	45	80	
100106	Rakhi	61	78	45	62	75	64	385	64.16667	0.09	9	45	78	
100101	Rohan	72	55	52	69	5	32	285	47.5	0.07	10	5	72	
							Total	4059						

3. **Calculate the totals for each student and use conditional formatting to highlight the top students who have scored more than 480.**

> ➢ There are no marks more than 480. So, I use more than 450

	G	H	I	J	K	L	M	N	O
	Name of the student	Sub-1	Sub-2	Sub-3	Sub-4	Sub-5	Sub-6	Sum	Average
	Monika	96	85	86	84	45	63	459	76.5
	Ruby	68	71	85	84	78	60	446	74.33333
	David	78	69	96	52	63	87	445	74.16667
	Rakesh	63	52	96	87	78	45	421	70.16667
	Tommy	75	63	54	63	61	98	414	69
	Ravi	72	56	78	85	47	68	406	67.66667
	Mohan	65	51	62	85	71	60	404	67.33333
	Radhika						?	394	65.66667
	Rakhi							385	64.16667
	Rohan							285	47.5
								4059	

Greater Than

Format cells that are GREATER THAN:

450 | ⬆ | with | Light Red Fill with Dark Red Text | ⌄

OK   Cancel

4. **Calculate the length of the names of each student.**

F	G
Roll No.	Name of the student
100108	Monika
100104	Ruby
100107	David
100110	Rakesh
100109	Tommy
100103	Ravi
100102	Mohan
100105	Radhika
100106	Rakhi
100101	Rohan

length of the student	
	6
	4
	5
	6
	5
	4
	5
	7
	5
	5

5. Replace the Name Rakhi with Rocky. Use Formulas

`=REPLACE(G22,1,5,"Rocky")`

D	E	F	G	H
		Roll No	**Name of the student**	**Sub-1**
		100108	Monika	96
		100104	Ruby	68
		100107	David	78
		100110	Rakesh	63
		100109	Tommy	75
		100103	Ravi	72
		100102	Mohan	65
		100105	Radhika	80
		100106	Rakhi	61
		100101	Rohan	72

length of the student	**Name of the student**	replacement
6	Monika	
4	Ruby	
5	David	
6	Rakesh	
5	Tommy	
4	Ravi	
5	Mohan	
7	Radhika	
5	Rakhi	Rocky
5	Rohan	

6. Combine the Roll Numbers and Names. Use formulas. The result should look like below. 100101Rohan

`=CONCAT(F2,G2)`

E	F	G
combine	**Roll No.**	**Name of the student**
100108Monika	100108	Monika
100104Ruby	100104	Ruby
100107David	100107	David
100110Rakesh	100110	Rakesh
100109Tommy	100109	Tommy
100103Ravi	100103	Ravi
100102Mohan	100102	Mohan
100105Radhika	100105	Radhika
100106Rakhi	100106	Rakhi
100101Rohan	100101	Rohan

7. As you can see that some names have spacing issues. Use Formulas to correct that spacing. Also, ensure that the names and surnames start with a capital letter.

Name of the student	Correction
Rohan	Rohan
Mo han	Mohan
Ravi mehta	Ravi Mehra
Ruby tondon	Ruby Tondon
Radhika gupta	Radhika Gupta
Rakhi	Rakhi
david	David
mon ika mis hra	MonIka MisHra
Tommy singh	Tommy Singh
p.rakesh	P.Rakesh