Excel Assignment – 11
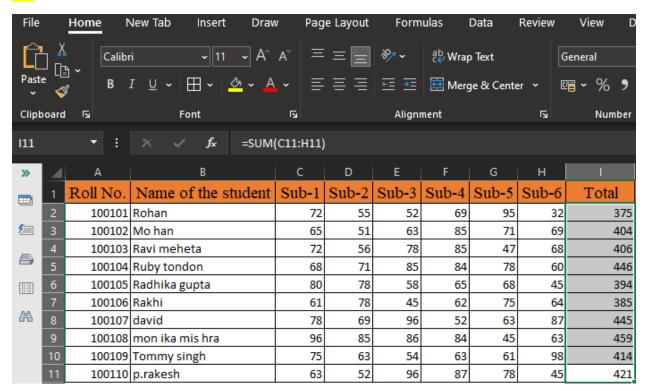
1. Find the Minimum Marks and Maximum marks scored by each student.

Sol :

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

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

Sol:

| | File | Home | New Tab | Insert | Draw | Page Layout | Formulas | Data | Review | View | D |

I11   fx   =SUM(C11:H11)

	A	B	C	D	E	F	G	H	I
1	Roll No.	Name of the student	Sub-1	Sub-2	Sub-3	Sub-4	Sub-5	Sub-6	Total
2	100101	Rohan	72	55	52	69	95	32	375
3	100102	Mo han	65	51	63	85	71	69	404
4	100103	Ravi meheta	72	56	78	85	47	68	406
5	100104	Ruby tondon	68	71	85	84	78	60	446
6	100105	Radhika gupta	80	78	58	65	68	45	394
7	100106	Rakhi	61	78	45	62	75	64	385
8	100107	david	78	69	96	52	63	87	445
9	100108	mon ika mis hra	96	85	86	84	45	63	459
10	100109	Tommy singh	75	63	54	63	61	98	414
11	100110	p.rakesh	63	52	96	87	78	45	421

No Students have Scored > 480 marks.

3. Calculate the length of the names of each student.

Sol :

L11 = =LEN(B11)

Roll No.	Name of the student	Sub-1	Sub-2	Sub-3	Sub-4	Sub-5	Sub-6	Name length
100101	Rohan	72	55	52	69	95	32	5
100102	Mo han	65	51	63	85	71	69	6
100103	Ravi meheta	72	56	78	85	47	68	13
100104	Ruby tondon	68	71	85	84	78	60	13
100105	Radhika gupta	80	78	58	65	68	45	14
100106	Rakhi	61	78	45	62	75	64	5
100107	david	78	69	96	52	63	87	5
100108	mon ika mis hra	96	85	86	84	45	63	18
100109	Tommy singh	75	63	54	63	61	98	15
100110	p.rakesh	63	52	96	87	78	45	8

4. Replace the Name Rakhi with Rocky. Use Formulas

I7 — fx =SUBSTITUTE(B7,"akhi","ocky")

	A	B	C	D	E	F	G	H	I
1	Roll No.	Name of the student	Sub-1	Sub-2	Sub-3	Sub-4	Sub-5	Sub-6	Replace
2	100101	Rohan	72	55	52	69	95	32	
3	100102	Mo han	65	51	63	85	71	69	
4	100103	Ravi meheta	72	56	78	85	47	68	
5	100104	Ruby tondon	68	71	85	84	78	60	
6	100105	Radhika gupta	80	78	58	65	68	45	
7	100106	Rakhi	61	78	45	62	75	64	Rocky
8	100107	david	78	69	96	52	63	87	
9	100108	mon ika mis hra	96	85	86	84	45	63	
10	100109	Tommy singh	75	63	54	63	61	98	
11	100110	p.rakesh	63	52	96	87	78	45	
12									
13									

5. Combine the Roll Numbers and Names. Use formulas. The end result should look like below.

J2 = =CONCATENATE(A2,B2)

	A	B	C	D	E	F	G	H	J
1	Roll No.	Name of the student	Sub-1	Sub-2	Sub-3	Sub-4	Sub-5	Sub-6	Concatenate
2	100101	Rohan	72	55	52	69	95	32	100101Rohan
3	100102	Mo han	65	51	63	85	71	69	100102Mo han
4	100103	Ravi meheta	72	56	78	85	47	68	100103Ravi meheta
5	100104	Ruby tondon	68	71	85	84	78	60	100104Ruby tondon
6	100105	Radhika gupta	80	78	58	65	68	45	100105Radhika gupta
7	100106	Rakhi	61	78	45	62	75	64	100106Rakhi
8	100107	david	78	69	96	52	63	87	100107david
9	100108	mon ika mis hra	96	85	86	84	45	63	100108mon ika mis hra
10	100109	Tommy singh	75	63	54	63	61	98	100109Tommy singh
11	100110	p.rakesh	63	52	96	87	78	45	100110p.rakesh

6. 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.

Sol :

K4 = =TRIM(B4)

	A	B	C	D	E	F	G	H	K
1	Roll No.	Name of the student	Sub-1	Sub-2	Sub-3	Sub-4	Sub-5	Sub-6	TRIM
2	100101	Rohan	72	55	52	69	95	32	Rohan
3	100102	Mo han	65	51	63	85	71	69	Mohan
4	100103	Ravi meheta	72	56	78	85	47	68	Ravi meheta
5	100104	Ruby tondon	68	71	85	84	78	60	Ruby tondon
6	100105	Radhika gupta	80	78	58	65	68	45	Radhika gupta
7	100106	Rakhi	61	78	45	62	75	64	Rakhi
8	100107	david	78	69	96	52	63	87	david
9	100108	mon ika mis hra	96	85	86	84	45	63	monika mishra
10	100109	Tommy singh	75	63	54	63	61	98	Tommy singh
11	100110	p.rakesh	63	52	96	87	78	45	p.rakesh

L4 = =PROPER(K4)

	A	B	C	D	E	F	G	H	K	L
1	Roll No.	Name of the student	Sub-1	Sub-2	Sub-3	Sub-4	Sub-5	Sub-6	TRIM	PROPER
2	100101	Rohan	72	55	52	69	95	32	Rohan	Rohan
3	100102	Mo han	65	51	63	85	71	69	Mohan	Mohan
4	100103	Ravi meheta	72	56	78	85	47	68	Ravi meheta	Ravi Meheta
5	100104	Ruby tondon	68	71	85	84	78	60	Ruby tondon	Ruby Tondon
6	100105	Radhika gupta	80	78	58	65	68	45	Radhika gupta	Radhika Gupta
7	100106	Rakhi	61	78	45	62	75	64	Rakhi	Rakhi
8	100107	david	78	69	96	52	63	87	david	David
9	100108	mon ika mis hra	96	85	86	84	45	63	monika mishra	Monika Mishra
10	100109	Tommy singh	75	63	54	63	61	98	Tommy singh	Tommy Singh
11	100110	p.rakesh	63	52	96	87	78	45	p.rakesh	P.Rakesh