**Excel Assignment - 11**

Use the below table for the following Questions.

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

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Roll No.** | **Name of the student** | **Sub-1** | **Sub-2** | **Sub-3** | **Sub-4** | **Sub-5** | **Sub-6** | **Minimum Marks** | **Maximum marks** |
| 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.

Answer: Totals for each student is calculated as below. However, since there are no students who met the above criteria of scoring more than 480 score, the conditional formatting cannot be used.

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

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

Answer: Length of the names of each student is calculated with formula =Len(text)

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Roll No.** | **Name of the student** | **Sub-1** | **Sub-2** | **Sub-3** | **Sub-4** | **Sub-5** | **Sub-6** | **Length of the names of students** |
| 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 | **14** |
| 100104 | Ruby tondon | 68 | 71 | 85 | 84 | 78 | 60 | **14** |
| 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 | **17** |
| 100110 | p.rakesh | 63 | 52 | 96 | 87 | 78 | 45 | **8** |

4. Replace the Name Rakhi with Rocky. Use Formulas

Answer: Replace Name Rakhi with Rocky using formula =REPLACE(C8,1,5,"Rocky") and copied and pasted the value in the result cell.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **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 | **Rocky** | 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 |

5. Combine the Roll Numbers and Names. Use formulas. The end result

should look look like below.

100101Rohan

Answer: Combined Roll Numbers and Names using formula =CONCATENATE(B3,C3) ,copied and pasted the value in the Name of the students column to show results.

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

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

Answer: Used Trim formula to remove the extra spacing between names and Proper formula to start names and surnames with capital letter.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **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 | **Mohan** | 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 | **Monika Mishra** | 96 | 85 | 86 | 84 | 45 | 63 |
| 100109 | **Tommy Singh** | 75 | 63 | 54 | 63 | 61 | 98 |
| 100110 | **P.Rakesh** | 63 | 52 | 96 | 87 | 78 | 45 |