

Instructions

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Week 8 Lab

Exercise 1:

Create a data frame with the following data:

Name	Age	Marks Science	Marks Maths	Marks English
John	12	90	80	70
Jane	13	85	75	65
Rajesh	14	80	70	60
Rani	15	75	65	55
Ram	16	70	60	50

Exercise 2:

Add on more records in the data frame for the following student:

Name	Age	Marks Science	Marks Maths	Marks English
Rina	17	65	55	45

Exercise 3:

Add Marks for Political Science for all the students in the data frame.

The marks for Political Science are as follows:

Name	Marks Political Science
John	60
Rajesh	50
Ram	40
Rani	45
Jane	55
Rina	35

The ordering may be different from the original data frame, so keep in mind that the name is the unique identifier.

Exercise 4:

Create a new column in the data frame that calculates the total marks obtained by each student, further, calculate the average marks obtained by each student.

Exercise 5:

Find the student with the highest total marks.