Assignment 2

Created a Database named DB of size 15 by assigning objects containing Name, Roll, Sex, English, Bengali, Maths, Statistics, Total as Variables for each student and also converted Sex to factors by as.factor(object) and setting stringAsFactor to False in the data.frame(objects )so that the Name is not taken as factor but Sex is.

I want to give good marks to my friends but randomly that is why I have taken samples of 15 observation ranging from 60:100 for English, Bengali, Maths, Statistics . (Actually I am too lazy to create 15 observations for each four subjects). And total marks is sum of all the four subjects.

The average and range of marks the female students have obtained in Statistics is given by first separating the Female and storing it in a an object name Female and then calling the mean(Female$Statistics) to get the average and range(Female$Statistics) to get the range.

Note here the range function returns the min and max value of Female$Statistics.

But the actual formula of

Range = max(observation)-min(observation)