

Directions: Read each item carefully. Create command/codes based on the information requested on each item.

1. Out of 27 respondents considered in the survey, the respondents specify that their favorite subjects are mathematics, statistics, and science with 12, 5, and 10 of the total respondents, respectively. Create a factor, based on the information given.
2. Select students with grades in mathematics at most 85 and at least 85 in statistics.

Name	Math Grades	Stat Grades
Elena	89	76
Mae	78	90
Karen	90	94
Laila	88	79
Eric	92	77
Joshua	87	95
Francis	50	80
Kat	78	90
Erika	80	85
Camille	89	75
Rhea	89	91

3. Create a scatter plot using basic and enhanced graphic of RStudio. Used “cars” data in RStudio.
4. Create a histogram using basic and enhanced graphic of RStudio. Used “faithful” data in RStudio. Take note: eruptions and waiting.
5. Create a 8 x 5 matrix that contains a number from 1 to 40. Fill matrix by columns. Make sure, that the names of the rows are Apple, Banana, Orange, Grapes, Mango, Limes, Watermelons and Apricots, and the names of the columns are Blue, Red, White, Green, and Yellow. Extract row of Apple, Grapes and Apricots. (5 points)