Stat 291 - Quiz 1

Section 1

20 / 11 / 2020

- You will have 12 minutes (uploading part is included).
- There are 2 Questions each 5 points.
- Copy & Paste your codes and outputs to a word file and upload it Odtuclass.
- Make sure your file includes your name, surname and your student number.
- Please read carefully.

Question 1:

Part A.

Create a list and name it '*yourname.quiz2*'. That list must have 3 vectors;

- A vector of 5 logical values, order and values are not important.
- A vector consisting of your age, height, hair color, student number and lucky number. Assign names to each element in this vector.
- A vector of the first 6 letters of English alphabet and your surname.

Also, give each vector appropriate names.

Part B.

Print your hair color.

Part C.

Find if your student number is an odd number or not.

Part D.

What is the 4th element in the 3rd vector?

Question 2:

Part A.

Read 'quiz2.txt' file into R.

Part B.

Print first 5 rows.

Part C.

Find the mean age for Males.

Part D.

What is the proportion of Females.

Part E.

Calculate Body-mass-index for each observation, and create a new column 'BMI' to data frame.

$$BMI = \frac{\text{Weight}}{\text{Height}^2}$$