Coding Assignment 1. Please do it in R.

Notes: Please work in assigned groups. You must select group leaders because I will randomly call on the leaders of the group to answer a few questions. We may still have to use Fridays to me for tutorials and go through the coding challenges. Time will be communicated to you soon; but it should be in the evenings.

Questions 1

1a. Imagine you have 20 friends. Create a data frame information on your friends. The variables in the data frame must include:

Gender, Age, First Names, Last Names, Marital Status, Nationality, Rate of Friendship (Bestie, Close, or Distant)

1b. Can you provide a brief justification on the type of information you will use to create the variables?

For example: I will use numeric information, in particular Integer, to create the Age variable because I want to allow mathematic operations (such as additions, divisions) to be performed on Age

1c. What is an attribute information of a variable? For the variables you have created in 1a, can you give me the length of each vector.

Questions 2

2. I want to create some variables, below, and I have provided some R codes which I believe can do the job for me. Can you identify the error(s) in the codes? Provide solutions to fix them.

a. Age <- c(30, 24.89, '50', 20+10i, True)

b) Sex <- c('Male', Female')

Questions 3

3. After answering question 2, please use the variables to create a data frame in R. What do you think might be the problem in creating the data frame? Can you fix that?

Question 4

Can search for help information on data frame function? Please write the main heading of the help document.