**Module 2: Additional Exercises**

**1. Create a new variable 'b' with value 1947.01 and check the class of 'b'.**

**2. Convert 'b' from previous exercise to character and store the result into a new variable ‘b\_char’.**

**3. Create a vector containing following mixed elements {1, 'a', 2, 'b'} and find out its class**

**3. Create a dataframe and name it DF. This dataframe should contain Three columns with the following names C1, C2 and C3. C1 should contain numeric values 1 and 4.37. C2 should contain “Red” and “Blue” and C3 should contain TRUE and FALSE.**

**4. Select and print C1 column of the DF dataframe in the previous example.**

**5. Consider the following dataframe:**

DF<-data.frame(V1=1:6, Countries=c('US', 'UK','UK', 'India','China','India'))

**Show the frequency (i.e. count) of each of the countries in the data frame.**

**6. Define a variable x=0.75. write a code to crat a variable y whose value is dependent on the value of x. If x is positive, y should be set to 14 otherwise it should be set -19.7. Change the value of x to -1 and evaluate your code again.**