Assignment 6.1

1) Import the Titanic Dataset from the following link:
https://drive.google.com/file/d/1JTJCjdGuUxzKXYlwOavwovB01k6FWg3r/vi

ew?ts=5b42ea10

Perform the below operations:

a. Pre-process the passenger names to come up with a list of

titles that represent families and represent using appropriate

visualization graph.

   Excel file titanic3.xls attached , R file titanic_family.R attached , Also output screenshot family-size.png attached

b. Represent the proportion of people survived by family size

using a graph.

R file titanic_survive_by_familysize.R , familywise_survival.png attached

c. Impute the missing values in Age variable using Mice library,

create two different graphs showing Age distribution before

and after imputation

impute_age.R , output files impute_before.png and impute_after.png attached