The input data provide in two flat files;"Census Income Data Set1.csv" contains the demographics details and "Census Income Data Set2.csv" contains other details. Attributes information available in the text file "CensusIncomeDataDesciption". Please write neatly commented R-code for the steps given below

1. Import the data files into R (without changing file format)

2. Combine two data-frames and start data analysis

3. Understand the data and perform required pre-processing steps (Include your observations as part of comments)

      a. Data type of each attribute and convert if required

      b. Summary statistics for each attribute

      c. Number of missing values

            Total number of missing cells

            Number of missing values in each columns

            Records with grater than 10% missing values

4. Compute inter quartile range for each attribute

5. Create dummy variables for attribute 'occupation'

6. Calculate the mean "capital.loss" w.r.to each level in the attributes

      "workclass", "education","occupation" and " gender"

7. Standardize numerical attributes using range method

8. Create new column "outcome";

      Mark it as '1' for the records with Class '<=50K' otherwise '0'