Q1. Read multiple JSON files into a directory to convert into a dataset.

I have files text1, text2, text3 in the directory JSON.

Ans -

library(rjson)

filenames <- list.files("Users/Desktop/json", pattern="\*.json", full.names=TRUE)

myJSON <- lapply(filenames, function(x) fromJSON(file=x))

Q2. Parse the following JSON into a data frame.

js<-'{

"name": null, "release\_date\_local": null, "title": "3 (2011)",

"opening\_weekend\_take": 1234, "year": 2011,

"release\_date\_wide": "2011-09-16", "gross": 59954

}'

Ans-

require(RJSONIO)

js<-'{

"name": null, "release\_date\_local": null, "title": "3 (2011)",

"opening\_weekend\_take": 1234, "year": 2011,

"release\_date\_wide": "2011-09-16", "gross": 59954

}'

js <- fromJSON(js)

js <- lapply(js, function(x) {

x[sapply(x, is.null)] <- NA

unlist(x) }

)

do.call("rbind", js)

Q3. Write a script for Variable Binning using R.

data <- iris

str(data)

str(bin(data))

str(bin(data, nbins = 3))

str(bin(data, nbins = 3, labels = c("small", "medium", "large")))

set.seed(1); table(bin(rnorm(900), nbins = 3))

set.seed(1); table(bin(rnorm(900), nbins = 3, method = "content"))