# For this project, you should perform exploratory data analysis on different file types like XML,

# JSON, TEXT, .DAT (data will be provided by AcadGild)

# Iris.xml ,iris.dat.

# Part I

# There are 20 files with .dat extention. You have to read all the files in to single dataframe.

setwd("C:/Users/Win7/Downloads/iris\_dat")

File <- list.files(getwd(), ".dat")

File

rr = lapply(File, read.delim)

print(rr)

# Part II

# The data is present in xml format, with file name, iris.xml. Your task is to read the XML data and store it

# in the data frame df.

setwd("C:/Users/Win7/Documents/Class")

library(XML)

df <- xmlToDataFrame("iris.xml", collectNames = TRUE, homogeneous = TRUE)

df

is.data.frame(df)

# Part III

# Convert the iris data into the JSON format and read the data in JSON format and convert it into

# dataframe “iris\_data”

library(jsonlite)

setwd("C:/Users/Win7/Downloads/iris\_dat")

light <- list.files(getwd(), ".dat")

light

out <- lapply(light, read.delim)

out

dark <- toJSON(out)

prettify(dark)

iris\_dat <- as.data.frame(dark, optional = FALSE)

print(iris\_dat)

class(iris\_dat)

is.data.frame(iris\_dat)

# Part IV

# Use dplyr function on the data iris\_data. Implement select, match, filter, arrange, rename, and mutate

# function on the iris\_data.

Unable to solve..

select

match

filter

arrange

require

mutate

# Part V

# Print the summary of iris\_data

gel <- read.delim("C:/Users/Win7/Downloads/iris\_dat/001.dat")

gel

summary(gel)