**Part 1**

setwd("C:/Users/Anjana/Desktop")

file\_names = dir("C:/Users/Anjana/Desktop/iris")

file\_names

library(readr)

data1 <- read\_csv("C:/Users/Anjana/Desktop/iris/001.dat", col\_names=F,skip = 9)

data2 <- read\_csv("C:/Users/Anjana/Desktop/iris/002.dat", col\_names=F,skip = 9)

data3 <- read\_csv("C:/Users/Anjana/Desktop/iris/003.dat",col\_names=F, skip = 9)

data4 <- read\_csv("C:/Users/Anjana/Desktop/iris/004.dat", col\_names=F,skip = 9)

data5 <- read\_csv("C:/Users/Anjana/Desktop/iris/005.dat", col\_names=F,skip = 9)

data6 <- read\_csv("C:/Users/Anjana/Desktop/iris/006.dat",col\_names=F, skip = 9)

data7 <- read\_csv("C:/Users/Anjana/Desktop/iris/007.dat", col\_names=F,skip = 9)

data8 <- read\_csv("C:/Users/Anjana/Desktop/iris/008.dat", col\_names=F,skip = 9)

data9 <- read\_csv("C:/Users/Anjana/Desktop/iris/009.dat",col\_names=F, skip = 9)

data10 <- read\_csv("C:/Users/Anjana/Desktop/iris/010.dat", col\_names=F,skip = 9)

data11<- read\_csv("C:/Users/Anjana/Desktop/iris/011.dat", col\_names=F,skip = 9)

data12<- read\_csv("C:/Users/Anjana/Desktop/iris/012.dat",col\_names=F, skip = 9)

data13 <- read\_csv("C:/Users/Anjana/Desktop/iris/013.dat", col\_names=F,skip = 9)

data14<- read\_csv("C:/Users/Anjana/Desktop/iris/014.dat", col\_names=F,skip = 9)

data15<- read\_csv("C:/Users/Anjana/Desktop/iris/015.dat",col\_names=F, skip = 9)

data16<- read\_csv("C:/Users/Anjana/Desktop/iris/016.dat", col\_names=F,skip = 9)

data17<- read\_csv("C:/Users/Anjana/Desktop/iris/017.dat", col\_names=F,skip = 9)

data18<- read\_csv("C:/Users/Anjana/Desktop/iris/018.dat",col\_names=F, skip = 9)

data19<- read\_csv("C:/Users/Anjana/Desktop/iris/019.dat", col\_names=F,skip = 9)

data20<- read\_csv("C:/Users/Anjana/Desktop/iris/020.dat", col\_names=F,skip = 9)

iris\_data <-rbind(data1,data2,data3,data4,data5,data6,data7,data8,data9,data10,data11,data12,data13,data14,data15,data16,data17,data18,data19,data20)

as.data.frame(iris\_data)

View(iris\_data)

**Part 2**

library("XML")

library("methods")

df<- xmlToDataFrame("C:/Users/Anjana/Desktop/iris.xml")

print(df)

**part 3**

library("rjson")write\_json<- function(df,"~/Desktop/iris.dat" , df\_type = "rows", raw\_type = "mongo"){require(readr)require(jsonlite)df<- toJSON(dataframe = df\_type, raw = raw\_type)write\_lines(“~/Desktop/iris.dat")

**Part 4**

library(dplyr)

newdata<- iris\_data %>% group\_by(X5)%>%

select(matches("X"))%>%

filter(X1 >= 4.7)%>%

rename(type=X5)%>%

mutate(newvar = ifelse(is.null(X1),0,X1))

**Part 5**

summary(iris\_data[,c("X1","X2","X3","X4","X5")])