# Assignment (6.2) 24- Dec 2017

1. Import the Titanic Dataset from the link Titanic Data Set.

Perform the following:

a. Is there any difference in fares by different class of tickets?

Note - Show a boxplot displaying the distribution of fares by class

**Sol: -** library (ggplot2)

qplot(x=titanic$Pclass,y=titanic$Fare,geom="boxplot",xlab="Class of ticket”, lab="Fare of ticket")

b. Is there any association with Passenger class and gender?

Note – Show a stacked bar chart

**Sol :-** c <- table(titanic$Pclass,titanic$Sex)

barplot(c, legend= c("1","2","3"), col = c(4,2,3))

# chisq.test(titanic$Pclass,titanic$Sex)