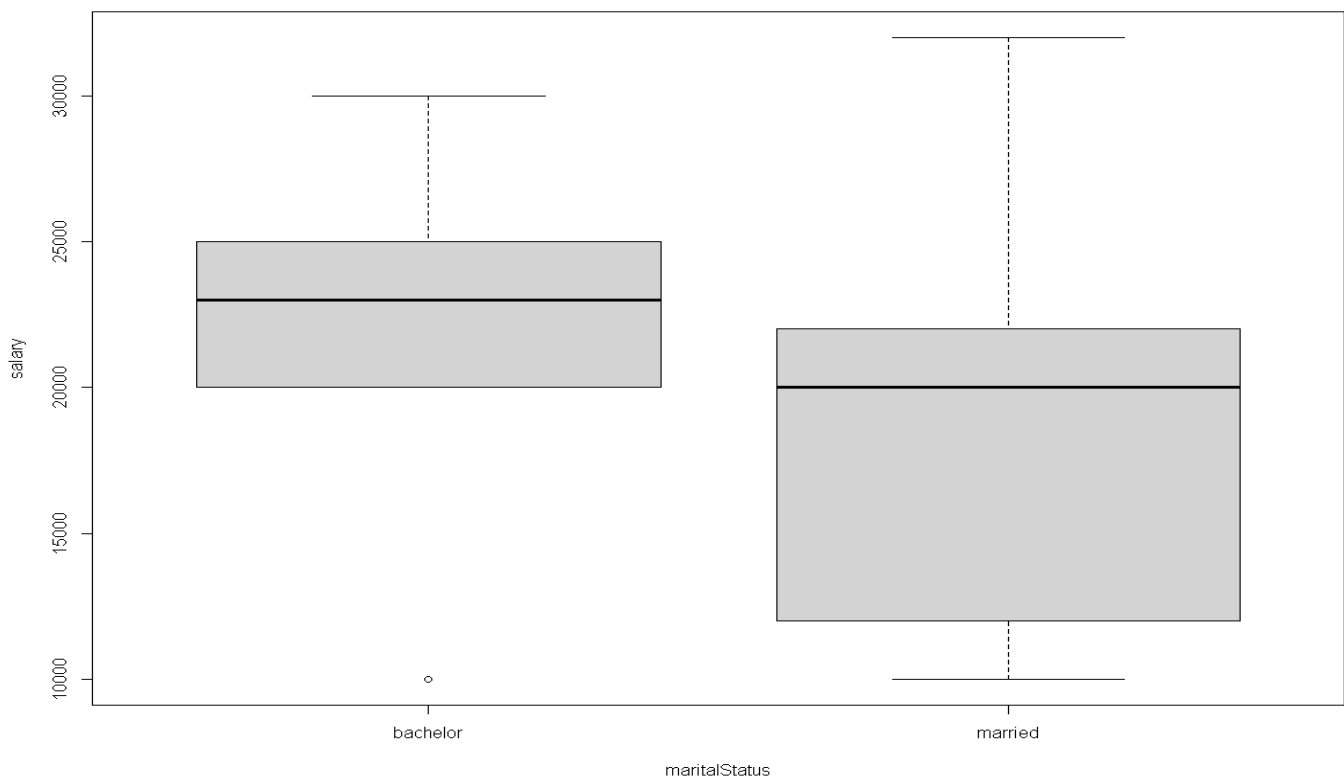


1. Create a Data Frame of three columns EMPID,SALARY,MARTIAL STATUS of 10 values for each column.Draw a boxplot for salary column for different categories of Martial status(Married,Bachelor).

Code:

```
Empid<-c(1,2,3,4,5,6,7,8,9,10)
salary<-c(10000,12000,10000,20000,25000,23000,22000,30000,32000,20000)
maritalStatus<-
c('married','married','bachelor','married','bachelor','bachelor','married','bachelor','married','bachelor')
a<-data.frame(Empid,salary,maritalStatus)
a
boxplot(salary~maritalStatus,data=a)
```

Output:



2. Draw a boxplot selecting random numbers of 100 points from a Normal Distribution with mean 0 and sd=1.Draw a Boxplot and scatterplot where size of each point is 3 ,colour=Blue.Give the appropriate titles for x-axis and Y-axis.

Code:

```
install.packages("ggplot")
library(ggplot2)
set.seed(100)
x<-rnorm(100,mean=0,sd=1)
x
boxplot(x)
title(xlab='x-axis',ylab='y-axis',col='gray90')

x<-seq(2,50,2)
x
y<-seq(32,80,2)
y
dt<-as.data.frame(cbind(x,y))
dt
ggplot() + geom_point(data=dt,aes(x=x,y=y),size=3,color ="blue")+labs(x='x-axis',y='y-axis')
```

OUTPUT:

