Employee=read.csv(file="C:/Users/15DCS43/Desktop/Employee.csv")

Employee

summary(Employee)

head(Employee)

tail(Employee)

sum(Employee$Basic.Salary)

Total\_Salary=sum(Employee$Basic.Salary)

Total\_Salary

Empty=sum(Employee$Basic.Salary, na.rm=TRUE)

Empty

Mean\_Salary=mean(Employee$Basic.Salary)

Mean\_Salary

Median\_Salary=median(Employee$Basic.Salary)

Median\_Salary

Result1=subset(Employee, Location=="Kurla"&Basic.Salary>25000)

Result1

Employee[,c(2,3)]

Employee[c(1,3,5,7),]

Employee[c(1,3,5,7), c(2,5)]

Sort\_Salary=Employee[order(Employee$Basic.Salary),]

Sort\_Salary

Sort\_Salary=Employee[order(-Employee$Basic.Salary),]

Sort\_Salary

Sort\_Loc=Employee[order(Employee$Location, decreasing = TRUE),]

Sort\_Loc

Sort\_Loc=Employee[order(Employee$Location, decreasing = FALSE),]

Sort\_Loc

Sort\_SalLoc=Employee[order(Employee$Location, decreasing = FALSE),c(2,3)]

Sort\_SalLoc

Sort\_SalLoc=Employee[order(Employee$Location, decreasing = TRUE),c(2,3)]

Sort\_SalLoc

EmpBonus=read.csv(file="C:/Users/15DCS43/Desktop/EmpBonus.csv")

EmpBonus

Employee\_Data=merge(Employee, EmpBonus, by="Emp\_ID")

Employee\_Data

Employee\_Data\_Left=merge(Employee, EmpBonus, by=c("Emp\_ID"), all.x=TRUE)

Employee\_Data\_Left

Employee\_Data\_Right=merge(Employee, EmpBonus, by=c("Emp\_ID"), all.y=TRUE)

Employee\_Data\_Right

Employee\_Data\_All=merge(Employee, EmpBonus, by=c("Emp\_ID"), all=TRUE)

Employee\_Data\_All

"Test for normal Distribution"

Data1=read.csv(file.choose(),sep=",",header=T)

shapiro.test(Data1$C1)

help(shapiro.test)

"One Sample T Test"

Apple=read.csv(file.choose(),sep=",",header=T)

summary(Apple)

t.test(Apple$C1,alternative = "greater",mu=97)

"Paired T Test"

Data2=read.csv(file.choose(),sep=",",header = T)

t.test(Data2$Before\_Fast,Data2$After\_Fast,alternative = "greater", paired = T)

"T Test for Correlation"

Cor=read.csv(file.choose(),sep=",",header = T)

summary(Cor)

cor.test(Cor$aptitude,Cor$job\_prof,alternative = "two.sided", paired = T)

"T Test for Correlation"

Data2=read.csv(file.choose(),sep=",",header = T)

summary(Data2)

cor.test(Data2$Before\_Fast,Data2$After\_Fast,alternative = "two.sided", paired = T)

help(cor.test)

iris

plot(iris)

summary(iris)

str(iris)

levels(iris$Species)

sum(is.na(iris))

iris\_data=iris\_data[1:100,]

samp=sample(1:100,80)

samp

iris

ir\_test=iris[samp,]

ir\_test

ir\_ctrl=iris[-samp,]

ir\_ctrl

install.packages("ggplot2")

install.packages("GGally")

library(GGally)

ggpairs(ir\_test)