**208W1A1299 R LAB TASK 3 ( DATA FRAMES )**

**1. Create a data frame that stores the name, age, designation of the employee. Find how many employees are working in each designation?**

**CODE:**

Name=c('ravi','raju','ramu','seetha','geetha','rahul','kumar')

Age=c(23,22,25,26,32,28,25)

Designation=c("SDE-1","Manager","SDE-2","CEO","Team Leader","SDE-1","SDE-1")

UniqueDes = Designation[!duplicated(Designation)]

UniqueDes

Employees = data.frame(Name,Age,Designation)

Employees

des = c()

no = c()

for(i in 1:length(UniqueDes)) {

for(j in 1:length(Designation)){

if(UniqueDes[i]==Designation[j]){

count = count+1

}

}

des = append(des,UniqueDes[i])

no = append(no,count)

count = 0

}

des

no

countEmpolyees = data.frame("Designation"=UniqueDes,"Count"=no)

countEmpolyees

**2. Create two vectors that stores the details of name and gender of the employees. Find how many ‘male’ and ‘female’ employees are present?**

**CODE :**

Name=c('ravi','raju','ramu','seetha','geetha')

Gender=c("M","M","M","F","F")

UniqueGen = Gender[!duplicated(Gender)]

UniqueGen

theDF = data.frame(Name,Gender)

theDF

no = c()

for(i in 1:length(UniqueGen)) {

for(j in 1:length(Gender)){

if(UniqueGen[i]==Gender[j]){

count = count+1

}

}

no = append(no,count)

count = 0

}

no

theDF2 = data.frame(UniqueGen,no)

theDF2