

**CSA1618 DWDM-DE**

**EXPERIMENT-19**

**LINEAR REGRESSION:**

**AIM:**

To write the program for the linear regression using R-tool.

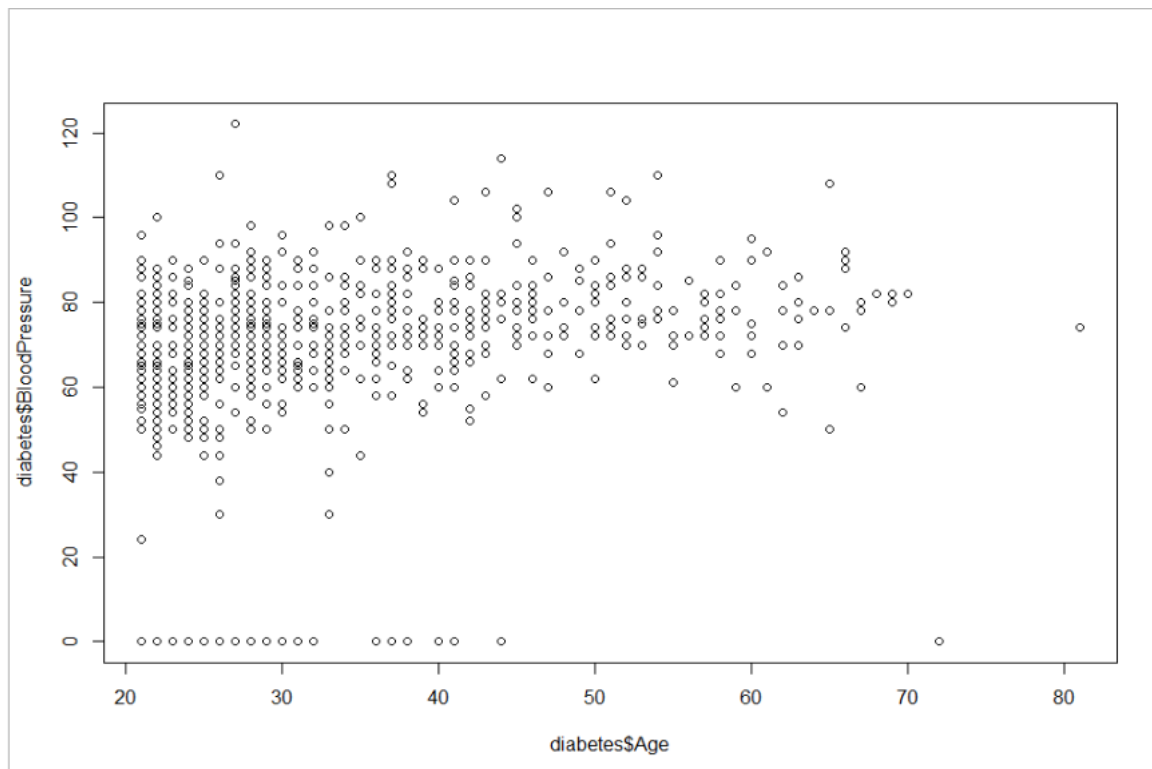
**PROGRAM:**

```
Relation <- lm(diabetes$BloodPressure~diabetes$Age)
```

```
Png<- (file="linear regression.png")
```

```
Plot(diabetes$Age, diabetes$BloodPressure, col="green", main= " Linear Regression  
Analysis" , abline= (lm(diabetes$BloodPressure~ diabetes$Age)), xlab = "BloodPressure",  
ylab= "Age")
```

**OUTPUT:**



**RESULT:**

Thus the linear regression program was executed successfully.