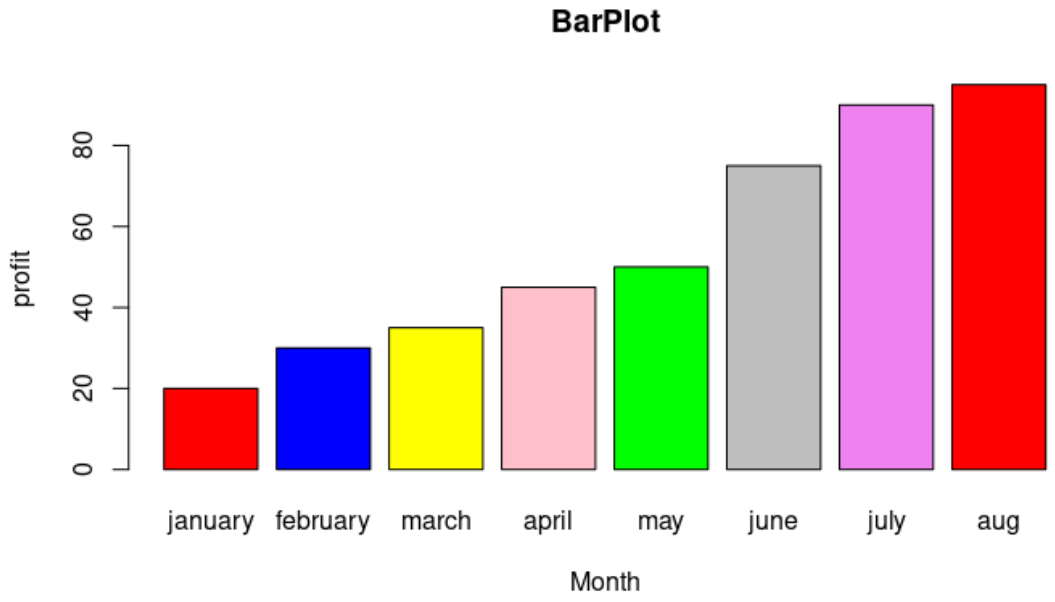
Lab-7
15/02/24

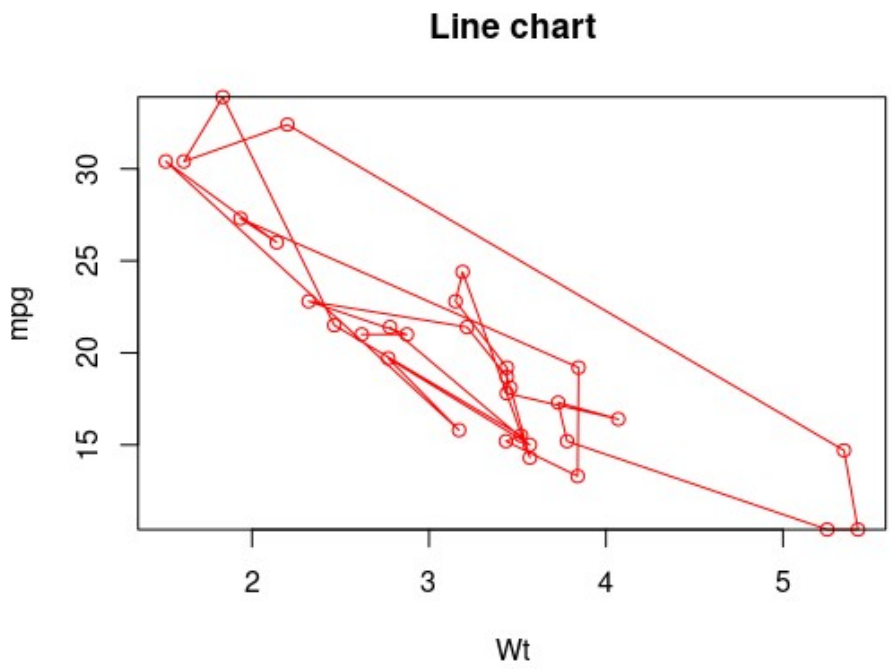
```
E_id<-c(1,2,3,4,5,6,7,8,9,10)
Age<-c(30,25,22,20,35,40,45,43,55,39)
a<-data.frame(E_id,Age)
print(a)
Summary
print(summary(a))
fivenum concept
print(fivenum(Age))

print(sort(a))
print(sapply(a,sort))
min
print(min(a))
print(sapply(a,min))
max
print(max(a))
print(sapply(a,max))


Student_Name<-
c("Krishna","Madhav","Gopi","Kruti","Mohan","Shyam","priya"
,"Radhika")
Marks<-c(75,70,65,50,90,80,55,85)
data.frame(Student_Name,Marks)
Pie plot
  pie(Marks,labels = Student_Name,main
="PieChart",col=c("red","pink","violet","green","blue","yellow","purpl
e","magenta"),border="red")
```

```
profit<-c(20,30,35,45,50,75,90,95)
Month<-
c("january","february","march","april","may","june
","july","aug")
a<-data.frame(profit,Month)
print(a)
```

BarPlot

```
print(barplot(profit,xlab =
"Month",ylab="profit",names.arg =
Month,main="BarPlot",col =
c("red","blue","yellow","pink","green","gray","violet
")))
```



LinePlot

```
plot(mtcars$wt,mtcars$mpg,type="o",xlab="Wt",ylab="mpg",main="Line chart",col="red")
```