df=read.csv("E://data.csv")

cor(df$Height,df$Weight,method = "pearson")

h=df$Height

w=df$Weight

ah<-c(h)

aw<-c(w)

print(ah)

print(aw)

i=0

r=0

n=10

sumh=0

sumw=0

hw=c()

sumhc=0

ssh=0

ssw=0

ssumh=0

ssumw=0

sh<-c(ah\*ah)

sw<-c(aw\*aw)

for( i in ah ){

sumh<-sumh+i

print(sumh)

}

for( i in aw ){

sumw<-sumw+i

}

for( i in 10 ){

hw<-ah\*aw

}

for(i in hw)

{

sumhc<-sumhc+i

}

for(i in sh)

{

ssh<-ssh+i

}

for(i in sw)

{

ssw<-ssw+i

}

ssumh<-sumh\*sumh

ssumw<-sumw\*sumw

r=(((n\*sumhc)-(sumh\*sumw))/sqrt(((n\*ssh)-ssumh)\*((n\*ssw)-ssumw)))

print(r)

cor(df$Height,df$Weight,method = "pearson")

plot(r,col="red")