**Program Results(R Console):**

R version 4.3.3 (2024-02-29 ucrt) -- "Angel Food Cake"

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Platform: x86\_64-w64-mingw32/x64 (64-bit)

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Natural language support but running in an English locale

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Type 'demo()' for some demos, 'help()' for on-line help, or

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Type 'q()' to quit R.

[Previously saved workspace restored]

> num1=as.integer(readline(prompt="Enter the first number:"))

Enter the first number:5

> num2=as.integer(readline(prompt="Enter the Second number:"))

Enter the Second number:2

> num3=num1-num2

> print(num3)

[1] 3

> num3=num1\*num2

> print(num3)

[1] 10

> num3=num1/num2

> print(num3)

[1] 2.5

> num=as.integer(readline(prompt="Enter a number:"))

Enter a number:8

> if((num%%2)==0)

+ {

+ print("number is a even")

+ }else{

+ print("Number is a Odd")

+ }

[1] "number is a even"

> clear

Error: object 'clear' not found

> /clear

Error: unexpected '/' in "/"

> names<-c("siri","alexa","gemini")

> age<-c(20,22,25)

> marks<-c(90,80,65)

> df<-data.frame(names,age,marks)

> mean(df $age)

[1] 22.33333

> write.csv(df,"datafr.csv")

> mean(df $marks)

[1] 78.33333

> mean(df $names)

[1] NA

Warning message:

In mean.default(df$names) :

argument is not numeric or logical: returning NA

> names<-c("siri","alexa","gemini")

> age<-c(20,22,25)

> marks<-c(90,80,65)

> df<-data.frame(names,age,marks)

> median(df $names)

[1] "gemini"

> median(df $age)

[1] 22

> mode(df $age)

[1] "numeric"

> summary(df $age)

Min. 1st Qu. Median Mean 3rd Qu. Max.

20.00 21.00 22.00 22.33 23.50 25.00

>

>

> x<-as.integer(readline(prompt="enter first number"))

enter first number

> x<-as.integer(readline(prompt="enter first number"))

enter first number

> x<-as.integer(readline(prompt="enter first number: "))

enter first number: 10

> y<-as.integer(readline(prompt="enter Second number: "))

enter Second number: 20

> z<-as.integer(readline(prompt="enter third number: "))

enter third number: 30

> if(x>y&&x>z){

+ print(paste("Greatest is:",x))

+ }else if(y>z){

+ print(paste("Greatest is:",y))

+ }else{

+ print(paste("Greatest is:",z))

+ }

[1] "Greatest is: 30"

>

> names<-c("siri","alexa","gemini")

> age<-c(20,22,25)

> marks<-c(90,80,65)

> df<-data.frame(names,age,marks)

> IQR(df $age)

[1] 2.5

> age<-c(23,24,25)

> IQR(df $age)

[1] 2.5

>



