PROGRAM NO.1

>>> a=500

>>> print(a)

500

>>> 200+600

800

>>> 200-600

-400

>>> 40\*6

240

>>> 3/1

3.0

>>> 36/2

18.0

>>> 36//2

18

>>> 45/2

22.5

>>> 45//2

22

>>>

[2]+ Stopped python3

PROGRAM NO.2

#using function

a=(int(input("enter the value of a")))

b=(int(input("enter the value of b")))

def add():

return a+b

def sub():

return a-b

def multy():

return a\*b

def division():

return a/b

def modulus():

return a%b

print("addition",add())

print("subtraction",sub())

print("multiplycation",multy())

print("division",division())

print("modulus",modulus())

OUT PUT:enter the value of a8

enter the value of b7

addition 15

subtraction 1

multiplycation 56

division 1.1428571428571428

modulus 1

PROGRAM NO.3

#write a program to print random numbers specifing r to roll the dice

import random

while True:

a=input("press 'r' to roll the dice,'q' to quit")

if(a=='r'):

print(random.randint(1,6))

elif(a=='q'):

print("bye!")

break

else:

print("give either 'r' or 'q'")

OUTPUT:python3 multyfuncition.py

enter the value of i:3

enter the value of j:4

what do u want to perform? +,-,\*,/:+

addidtion= 7

python3 multyfunction.py

enter the value of i:5

enter the value of j:4

what do u want to perform? +,-,\*,/:-

subtraction= 1

python3 multyfunction.py

enter the value of i:4

enter the value of j:6

what do u want to perform? +,-,\*,/:\*

multiplycation= 24

python3 multyfunction.py

enter the value of i:60

enter the value of j:5

what do u want to perform? +,-,\*,/:/

devision= 12.0