#using function

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

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

def add():

c=a+b

return c

print(("addition of a+b"),add())

def sub():

return a-b

print(("subtraction of a-b"),sub())

def multiplication():

return a\*b

print(("multiplication of a\*b"),multiplication())

def divide():

return a/b

print(("division of a/b"),divide())

***OUTPUT***

enter a value100

enter b value200

addition of a+b 300

subtraction of a-b -100

multiplication of a\*b 20000

division of a/b 0.5

**Program-11**

#using function

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

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

def add():

c=a+b

return c

print(("addition of a+b"),add())

def sub():

return a-b

print(("subtraction of a-b"),sub())

def multiplication():

return a\*b

print(("multiplication of a\*b"),multiplication())

def divide():

return a/b

print(("division of a/b"),divide())

***OUTPUT***

enter value of i: 100

enter value of j: 80

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

addition= 180

enter value of i: 200

enter value of j: 120

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

subtraction= 80

enter value of i: 20

enter value of j: 30

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

multiplication= 600

enter value of i: 100

enter value of j: 10

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

division= 10.0

**Program-12**