## 1.Python Program to Create a Class which Performs Basic Calculator Operations

## Code:

class cal():

def \_\_init\_\_(self,a,b):

self.a=a

self.b=b

def add(self):

return self.a+self.b

def mul(self):

return self.a\*self.b

def div(self):

return self.a/self.b

def sub(self):

return self.a-self.b

a=int(input("Enter first number: "))

b=int(input("Enter second number: "))

obj=cal(a,b)

choice=1

while choice!=0:

print("0. Exit 1. Add 2. Subtraction 3. Multiplication 4. Division")

choice=int(input("Enter choice: "))

if choice==1:

print("Result: ",obj.add())

elif choice==2:

print("Result: ",obj.sub())

elif choice==3:

print("Result: ",obj.mul())

elif choice==4:

print("Result: ",round(obj.div(),2))

elif choice==0:

print("Exiting!")

else:

print("Invalid choice!!")

print()

Output:

