**Experiment no :- 04**

**Source code:-**

a=20

b=10

sum=a+b

diff=a-b

print("the value of a is {} and b {}".format(a,b))

print("{2} is the sum of {0} and {1}".format(a,b,sum))

print("{2} is the diff of {0} and {1}".format(a,b,diff))

print("{diff\_value} is the subtraction of {value\_a} and {value\_b}".format(value\_a=a,value\_b=b,diff\_value=diff))

**out put:-**

C:\Users\SYS15\AppData\Local\Programs\Python\Python312\python.exe"C:\Users\SYS15\PycharmProjects\SHRIDHAR\ex 4'.py"

the value of a is 20 and b 10

30 is the sum of 20 and 10

10 is the diff of 20 and 10

10 is the subtraction of 20 and 10

Process finished with exit code 0

**Input:-**

a=40

b=20

sum=a+b

diff=a-b

print("the value of a is {} b is {}".format(a,b))

print("{2} is the sum of {0}and {1}".format(a,b,sum))

print("{2} is the diff of {0}and {1}".format(a,b,diff))

print("{diff\_value}is the of {value\_a}and{value\_b}".format(value\_a=a,value\_b=b,diff\_value=diff))

**out put:-**

C:\Users\SYS15\AppData\Local\Programs\Python\Python312\python.exe"C:\Users\SYS15\PycharmProjects\uday\ex 4'.py"

the value of a is 40 b is 20

60 is the sum of 40and 20

20 is the diff of 40and 20

20is the of 40and20

Process finished with exit code 0

**Input:-**

a=450

b=80

sum=a+b

diff=a-b

print("the value of a is {} b is {}".format(a,b))

print("{2} is the sum of {0}and {1}".format(a,b,sum))

print("{2} is the diff of {0}and {1}".format(a,b,diff))

print("{diff\_value}is the of {value\_a}and{value\_b}".format(value\_a=a,value\_b=b,diff\_value=diff))

**output:-**

C:\Users\SYS15\AppData\Local\Programs\Python\Python312\python.exe"C:\Users\SYS15\PycharmProjects\uday\ex 4'.py"

the value of a is 450 b is 80

530 is the sum of 450and 80

370 is the diff of 450and 80

370is the of 450and80

Process finished with exit code