Method overloading

[\\jayasree](file:///\\jayasree) (24-27)II BCA//

class Calculator:

def add(self, \*args):

total = 0

for num in args:

total+=num

return total

calc=Calculator()

nums1 = input("Enter two numbers separated by space")

args1=tuple(map(int,nums1.split()))

print("Add two numbers:",calc.add(\*args1))

nums2 = input("Enter three numbers separated by space")

args2=tuple(map(int,nums2.split()))

print("Add three numbers:",calc.add(\*args2))

print("Add no numbers:",calc.add())

OUTPUT:

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Enter two numbers separated by space 10 20

Add two numbers: 30

Enter three numbers separated by space 30 40 50

Add three numbers: 120

Add no numbers: 0