

```
1 def arithmetic_operations(x, y):
2
3     print("Input x: ", x)
4     print("Input y: ", y)
5
6     int(x)
7     int(y)
8
9     sum = x + y
10    diff = x - y
11    prod = x * y
12    div = x / y
13    mod = x % y
14
15    print("Sum: ", sum)
16    print("Difference: ", diff)
17    print("Product: ", prod)
18    print("Division: ", div)
19    print("Modulus: ", mod)
20
21    return sum, diff, prod, div, mod
22
23 result = arithmetic_operations(10, 10)
24 print("Result: ", result)
```