

PYTHON Practical Based Assignment1

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Q. Write a program to create function Add(), Mul(), Sub() and Div() to accept a variable length of arguments and print the respective results.

```
def add(num1, *many):
    sum = num1
    for nos in many:
        sum += nos
    print("Sum = ",sum)
```

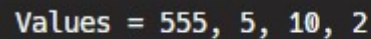
```
def sub(num1, *many):
    dif = num1
    for nos in many:
        dif -= nos
    print("Difference = ",dif)
```

```
def mul(num1, *many):
    pdt = num1
    for nos in many:
        pdt *= nos

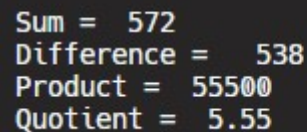
    print("Product = ",pdt)
```

```
def div(num1, *many):
    quotient = num1
    for nos in many:
        quotient /= nos
    print("Quotient = ",quotient)
```

```
print("Values = 555, 5, 10, 2 \n")
add(555, 5, 10, 2)
sub(555, 5, 10, 2)
mul(555, 5, 10, 2)
div(555, 5, 10, 2)
```



Values = 555, 5, 10, 2



Sum = 572
Difference = 538
Product = 55500
Quotient = 5.55

output