

OSTAD project -1 (Basic Calculator)
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```
Welcome calculator.py
calculator.py > ...
1  print("Welcome to Calculator Project")
2  print("1. Addition")
3  print("2. Subtraction")
4  print("3. Multiplication")
5  print("4. Division")
6
7  option = int(input("Select an option for Basic Calculator Operation: "))
8
9  if option == 1:
10     n1 = int(input("Enter 1st Number: "))
11     n2 = int(input("Enter 2nd Number: "))
12     n3 = n1 + n2
13     print("Addition is: " + str(n3))
14
15 elif option == 2:
16     n1 = int(input("Enter 1st Number: "))
17     n2 = int(input("Enter 2nd Number: "))
18     n3 = n1 - n2
19     print("Subtraction is: " + str(n3))
20
21 elif option == 3:
22     n1 = int(input("Enter 1st Number: "))
23     n2 = int(input("Enter 2nd Number: "))
24     n3 = n1 * n2
25     print("Multiplication is: " + str(n3))
26
27 elif option == 4:
28     n1 = int(input("Enter 1st Number: "))
```

Go Run ... ostad

calculator.py

calculator.py > ...

```
10     n1 = int(input("Enter 1st Number: "))
11     n2 = int(input("Enter 2nd Number: "))
12     n3 = n1 + n2
13     print("Addition is: " + str(n3))
14
15 elif option == 2:
16     n1 = int(input("Enter 1st Number: "))
17     n2 = int(input("Enter 2nd Number: "))
18     n3 = n1 - n2
19     print("Subtraction is: " + str(n3))
20
21 elif option == 3:
22     n1 = int(input("Enter 1st Number: "))
23     n2 = int(input("Enter 2nd Number: "))
24     n3 = n1 * n2
25     print("Multiplication is: " + str(n3))
26
27 elif option == 4:
28     n1 = int(input("Enter 1st Number: "))
29     n2 = int(input("Enter 2nd Number: "))
30     n3 = n1 / n2
31     print("Division is: " + str(n3))
32
33 else:
34     print("Invalid Input")
```

PROBLEMS OUTPUT TERMINAL PORTS

```
> ▼ TERMINAL Python
Welcome to Calculator Project
1. Addition
2. Subtraction
3. Multiplication
4. Division
Select an option for Basic Calculator Operation: 1
Enter 1st Number: 3
Enter 2nd Number: 5
Addition is: 8
PS C:\Users\user\Desktop\ostad> 2
2
PS C:\Users\user\Desktop\ostad> & "C:/Program Files/Python313/python.exe" c:/Users/user/Desktop/ostad/calculator.py
Welcome to Calculator Project
1. Addition
2. Subtraction
3. Multiplication
4. Division
Select an option for Basic Calculator Operation: 2
Enter 1st Number: 4
Enter 2nd Number: 5
Subtraction is: -1
PS C:\Users\user\Desktop\ostad> & "C:/Program Files/Python313/python.exe" c:/Users/user/Desktop/ostad/calculator.py
Welcome to Calculator Project
1. Addition
2. Subtraction
3. Multiplication
4. Division
Select an option for Basic Calculator Operation: 4
Enter 1st Number: 3
Enter 2nd Number: 6
Division is: 0.5
PS C:\Users\user\Desktop\ostad> |
```

Code:

```
print("Welcome to Calculator Project")
print("1. Addition")
print("2. Subtraction")
print("3. Multiplication")
print("4. Division")
```

```
option = int(input("Select an option for Basic Calculator Operation: "))
```

```
if option == 1:
```

```
    n1 = int(input("Enter 1st Number: "))
    n2 = int(input("Enter 2nd Number: "))
    n3 = n1 + n2
    print("Addition is: " + str(n3))
```

```
elif option == 2:
```

```
    n1 = int(input("Enter 1st Number: "))
    n2 = int(input("Enter 2nd Number: "))
    n3 = n1 - n2
    print("Subtraction is: " + str(n3))
```

```
elif option == 3:  
    n1 = int(input("Enter 1st Number: "))  
    n2 = int(input("Enter 2nd Number: "))  
    n3 = n1 * n2  
    print("Multiplication is: " + str(n3))
```

```
elif option == 4:  
    n1 = int(input("Enter 1st Number: "))  
    n2 = int(input("Enter 2nd Number: "))  
    n3 = n1 / n2  
    print("Division is: " + str(n3))
```

```
else:  
    print("Invalid Input")
```