

Practice Program 3

Program for simple calculator.

```
def add(x, y):  
    return x + y  
def subtract(x, y):  
    return x - y
```

```
def multiply(x, y):  
    return x * y
```

```
def divide(x, y):  
    return x / y
```

```
Print ("select operation")
```

```
Print ("1. Add")
```

```
Print ("2. Subtract")
```

```
Print ("3. Multiply")
```

```
Print ("4. Divide")
```

```
while True:
```

```
    choice = input("Enter choice(1/2/3/4):")
```

```
If choice in ('1', '2', '3', '4'):
```

```
    num1 = float(input("Enter first  
                        number: "))
```

```
    num2 = float(input("Enter second  
                        number: "))
```

```
    if choice == '1':
```

```
        Print(num1, "+", num2, "=",  
              add(num1, num2))
```

```
elif 'choice' == '2':  
    Print(num1, "-", num2, "=",  
          subtract(num1, num2))
```

```
elif choice == '3':  
    Print(num1, "x", num2, "=",  
          multiply(num1, num2))
```

```
elif choice == '4':  
    Print(num1, "/", num2, "=",  
          divide(num1, num2))
```

break

else:

```
Print("invalid output Input")
```

Input:- First No: 56
Second No: 78.

O/P:- Select operation.

1. add

2. subtract

3. multiply

4. Divide

Enter choice (1/2/3/4): 1

Enter first No: 56

Enter Second No: 78

56.0 + 78.0 = 134.0.

conclusion:- After Performing this
Practical I have learnt to Program
a simple calculator in Python.

practice program codes - p3.py

practice program codes > p3.py

Project

- practice program codes C:\Users\saurabh nale\Desktop\python
- p1.py
- p1a.py
- p2.py
- p3.py

External Libraries

Scratches and Consoles

```
1
2 def add(x, y):
3     return x + y
4 def subtract(x, y):
5     return x - y
6
7 def multiply(x, y):
8     return x * y
9
10 def divide(x, y):
11     return x / y
12
13 print("Select operation.")
```

Run: p3

"C:\Users\saurabh nale\anaconda3\python.exe" "C:/Users/saurabh nale/Desktop/python/practice program codes/p3.py"

Select operation.

1.Add

2.Subtract

3.Multiply

4.Divide

Enter choice(1/2/3/4): 1

Enter first number: 56

Enter second number: 78

56.0 + 78.0 = 134.0

Process finished with exit code 0

PEP 8: E302 expected 2 blank lines, found 1

13:1 CRLF UTF-8 4 spaces Python 3.8