

```

1 Create a command-line calculator supporting basic operations.
2 #function operations
3 #funtion to add tow numbers
4 def add(num1,num2):
5     return num1 + num2
6
7 #funtion to struct tow numbers
8 def struct(num1,num2):
9     return num1 - num2
10
11 #funtion to multiply tow numbers
12 def multiply(num1,num2):
13     return num1 * num2
14
15 #funtion to divition tow numbers
16 def divide(num1,num2):
17     return num1 / num2
18
19 #funtion to averag tow numbers
20 def averag(num1,num2):
21     return (num1 + num2)/2
22

```

```

23 #step - 2 (user Input)
24 print("Plese select operation: \n" \n
25 "1. Addition\n" \
26 "2. Subtract\n" \
27 "3. Multification\n" \
28 "4. Division\n" \
29 "5. Average\n" \)
30
31 Select =int(input("Select a operation from 1,2,3,4,5: "))
32 number1 =int(input("Enter first number: "))
33 number2 =int(input("Enter second number: "))

```

```
35 #Step -3 : Print the result
36 if select==1.
37     Print(number1, "+", number2, "=", \
38         add(number1, number2))
39 elif select ==2.
40     print(number1, "-", "= " \
41         Subtract(number1,number2))
42 elif select ==3.
43     print(number1, "*", "= " \
44         multiply(number1,number2))
45 elif select ==4.
46     print(number1, "/", "= " \
47         Division(number1,number2))
48 elif select ==5.
49     print("number1, "+,number2"), "/", "= " \
50         Average(number1,number2))
51 else:
52     print("invalid Operation.Please Select Again")
53
```

# python program to create a simple calculator

# 3 steps to build calculator program

# 1. functions for operations

# 2. user input

# 3. print result

# step-1: create functions:

# Function to add two numbers

```
def add(num1,num2):  
    return num1 + num2
```

# Function to subtract two numbers

```
def sub(num1,num2):  
    return num1 - num2
```

# Function to multiply two numbers

```
def multiply(num1,num2):
```

```
    return num1 * num2
```

```
# Function to divide two numbers
```

```
def divide(num1,num2):
```

```
    return num1 / num2
```

```
# Function to average two numbers
```

```
def avg(num1,num2):
```

```
    return (num1 + num2)/2
```

```
#Step-2: user input
```

```
print("Please select a operation:\n " \
```

```
    "1. Addition\n" \
```

```
    "2. Substraction\n" \
```

```
    "3. Multiplication\n" \
```

```
    "4. Division\n" \
```

"5. Average\n")

```
select = int(input("Select a operation from 1,2,3,4,5: "))
```

```
number1 = int(input("Enter first number: "))
```

```
number2 = int(input("Enter second number: "))
```

#Step-3: Print the result

```
if select == 1:
```

```
    print(number1, "+", number2, "=", "\n",  
          add(number1, number2))
```

```
elif select == 2:
```

```
    print(number1, "-", number2, "=", "\n",  
          sub(number1, number2))
```

elif select == 3:

```
print(number1, "*", number2, "=", "\n",  
      multiply(number1, number2))
```

elif select == 4:

```
print(number1, "/", number2, "=", "\n",  
      divide(number1, number2))
```

elif select == 5:

```
print("(" + number1 + "+", number2, ")", "/", "2", "=", "\n",  
      avg(number1, number2))
```

else:

```
print("Invalid operation! Pls select again!")
```