

SIMPLE CALCULATOR

CODE:

```
num1 = float(input("Enter the first number: "))
num2 = float(input("Enter the second number: "))

print("\nChoose the operation:")
print("1. Addition (+)")
print("2. Subtraction (-)")
print("3. Multiplication (*)")
print("4. Division (/)")

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

if choice == '1':
    result = num1 + num2
    print(f"\nResult: {num1} + {num2} = {result}")
elif choice == '2':
    result = num1 - num2
    print(f"\nResult: {num1} - {num2} = {result}")
elif choice == '3':
    result = num1 * num2
    print(f"\nResult: {num1} * {num2} = {result}")
```

```
elif choice == '4':  
    if num2 != 0:  
        result = num1 / num2  
        print(f"\nResult: {num1} / {num2} = {result}")  
    else:  
        print("\nError: Cannot divide by zero.")  
else:  
    print("\nInvalid choice. Please select 1, 2, 3, or 4.")
```

OUTPUT:

Enter the first number: 10

Enter the second number: 5

Choose the operation:

1. Addition (+)
2. Subtraction (-)
3. Multiplication (*)
4. Division (/)

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

Result: 10.0 + 5.0 = 15.0