

```
def add(a, b): return a + b
def subtract(a, b): return a - b
def multiply(a, b): return a * b
def divide(a, b): return "Error: Divide by 0" if b == 0 else a / b
def modulus(a, b): return a % b
```

```
operations = {
    '+': add,
    '-': subtract,
    '*': multiply,
    '/': divide,
    '%': modulus
}
```

```
print("Here's your simple calculator!")
```

```
try:
    a = float(input("Enter first number: "))
    b = float(input("Enter second number: "))
    op = input("Choose operation (+, -, *, /, %): ")

    if op in operations:
        result = operations[op](a, b)
        print(f"Result: {a} {op} {b} = {result}")
    else:
        print("Invalid operation selected.")

except ValueError:
    print("Invalid number entered. Please try again.")
```

```
↩ Here's your simple calculator!
Enter first number: 23
Enter second number: 45
Choose operation (+, -, *, /, %): *
Result: 23.0 * 45.0 = 1035.0
```