```python
def calculator():
    print("Simple Calculator")
    print("Operations: +, -, *, /, %, **")

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

    operator = input("Enter operator (+, -, *, /, %, **): ")

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

    if operator == '+':
        print("Result:", num1 + num2)
    elif operator == '-':
```

```python
        print("Result:", num1 - num2)
    elif operator == '*':
        print("Result:", num1 * num2)
    elif operator == '/':
        if num2 != 0:
            print("Result:", num1 / num2)
        else:
            print("Error: Division by zero!")
    elif operator == '%':
        print("Result:", num1 % num2)
    elif operator == '**':
        print("Result:", num1 ** num2)
    else:
```

```python
        print("Invalid operator!")


calculator()
```