**# calculator.py**

**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):**

**if b == 0:**

**raise ValueError("Cannot divide by zero!")**

**return a / b**

**if \_name\_ == "\_main\_":**

**print("Select operation:")**

**print("1. Add")**

**print("2. Subtract")**

**print("3. Multiply")**

**print("4. Divide")**

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

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

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

**if choice == '1':**

**print(f"{num1} + {num2} = {add(num1, num2)}")**

**elif choice == '2':**

**print(f"{num1} - {num2} = {subtract(num1, num2)}")**

**elif choice == '3':**

**print(f"{num1} \* {num2} = {multiply(num1, num2)}")**

**elif choice == '4':**

**try:**

**print(f"{num1} / {num2} = {divide(num1, num2)}")**

**except ValueError as e:**

**print(e)**

**else:**

**print("Invalid input")**