In [ ]:

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3.

# adds two numbers
def add(x, y):
    return x + y

# subtracts two numbers
def subtract(x, y):
    return x - y

# multiplies two numbers
def multiply(x, y):
    return x * y

# divides two numbers
def divide(x, y):
    return x / y


print("Select operation.")
print("Add")
print("Subtract")
print("Multiply")
print("Divide")

while True:

    choice = input("Enter choice(Add/Subtract/Multiply/Divide): ")


    if choice in ('Add', 'Subtract', 'Multiply', 'Divide'):
        try:
            num1 = float(input("first number: "))
            num2 = float(input("second number: "))
        except ValueError:
            print("Invalid input. Please enter a number.")
            continue

        if choice == 'Add':
            print(num1, "+", num2, "=", add(num1, num2))

        elif choice == 'Subtract':
            print(num1, "-", num2, "=", subtract(num1, num2))

        elif choice == 'Multiply':
            print(num1, "*", num2, "=", multiply(num1, num2))

        elif choice == 'Divide':
            print(num1, "/", num2, "=", divide(num1, num2))


        next_calculation = input("Let's do next calculation? (yes/no): ")
        if next_calculation == "no":
          break
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    else:
        print("Invalid Input")
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Select operation.
Add
Subtract
Multiply
Divide
Enter choice(Add/Subtract/Multiply/Divide): Divide
first number: 34
second number: 45
34.0 / 45.0 = 0.7555555555555555
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