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f = open("students6.txt", "w+") #1
f.write("First Line\n")
f.write("Second Line\n")
f.write("Third Line\n")
print(f.tell())
f.seek(0)
f.write("4 Line")
f.seek(0)
print(f.read(10))
print(f.tell())
f.write("5 Line") #11 why is this added at the end and not added at the begining like 4
f.seek(0)
print("after adding:\n",f.read())
f.close()

```

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34
4 LineLine
10
after adding:
4 LineLine
Second Line
Third Line
5 Line

```

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# Program make a simple calculator

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# This function adds two numbers

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def add(x, y):
    return x + y

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# This function subtracts two numbers

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def subtract(x, y):
    return x - y

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# This function multiplies two numbers

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def multiply(x, y):
    return x * y

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# This function divides two numbers

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def divide(x, y):
    return x / y

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print("Select operation.")
print("1.Add")
print("2.Subtract")
print("3.Multiply")
print("4.Divide")

```

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while True:

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    # take input from the user
    choice = input("Enter choice(1/2/3/4): ")

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    # check if choice is one of the four options

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    if choice in ('1', '2', '3', '4'):
        num1 = float(input("Enter first number: "))

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

if choice == '1':
    print(num1, "+", num2, "=", add(num1, num2))

elif choice == '2':
    print(num1, "-", num2, "=", subtract(num1, num2))

elif choice == '3':
    print(num1, "*", num2, "=", multiply(num1, num2))

elif choice == '4':
    print(num1, "/", num2, "=", divide(num1, num2))

# check if user wants another calculation
# break the while loop if answer is no
next_calculation = input("Let's do next calculation? (yes/no): ")
if next_calculation == "no":
    break

else:
    print("Invalid Input")

Select operation.
1.Add
2.Subtract
3.Multiply
4.Divide
Enter choice(1/2/3/4): 3
Enter first number: 3
Enter second number: 3
3.0 * 3.0 = 9.0
Let's do next calculation? (yes/no): no

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