Challenge 1

```python
def recur_factorial(n):
    if n == 1:
        return n
    else:
        return n*recur_factorial(n-1)

num = 7

if num < 0:
    print("Sorry, factorial does not exist for negative numbers")
elif num == 0:
    print("The factorial of 0 is 1")
else:
    print("The factorial of", num, "is", recur_factorial(num))
```

Ln 1, Col 1 History

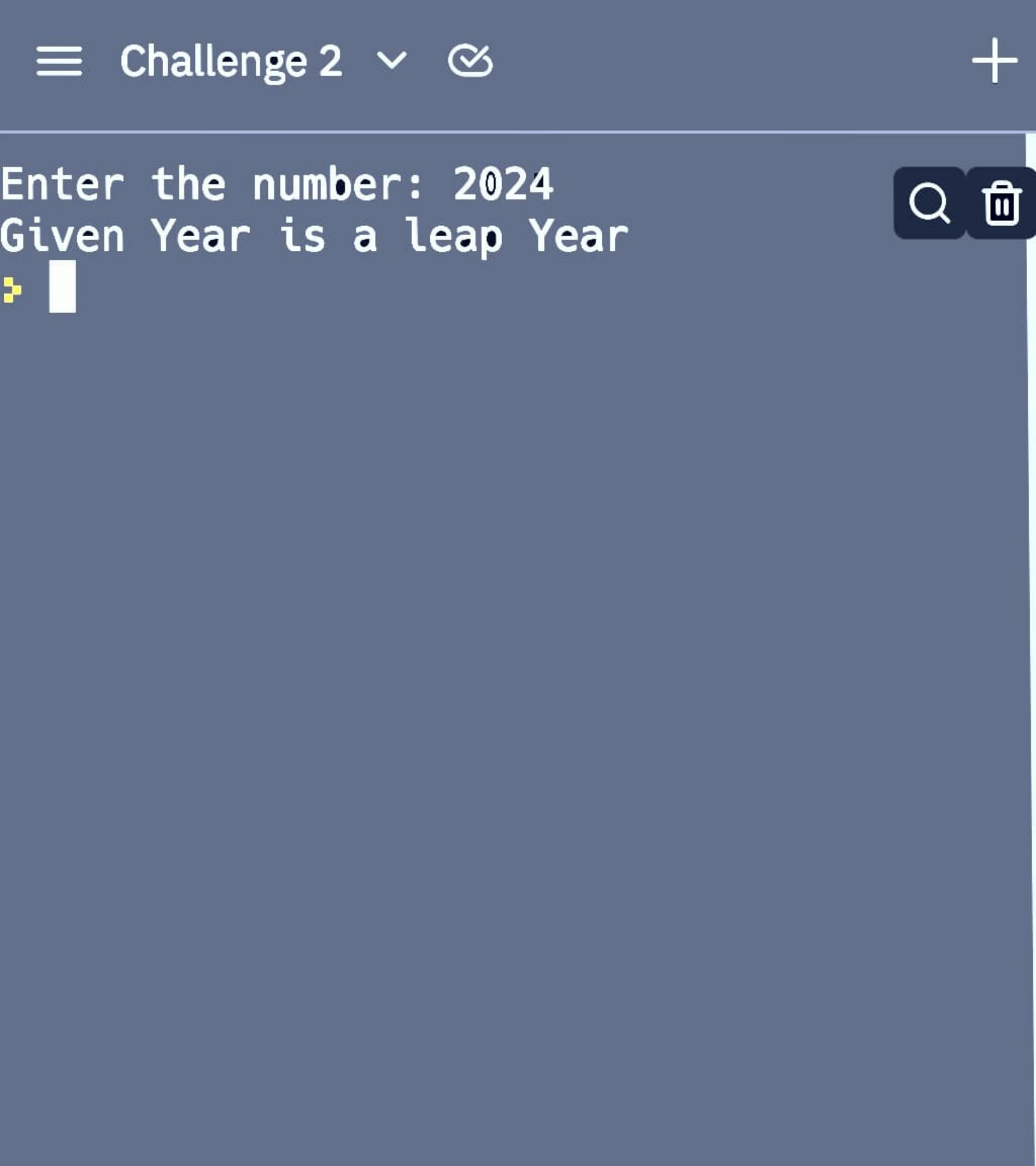
main.py

Challenge 1 (1)

```
The factorial of 7 is 5040
```

Challenge 2

```
def CheckLeap(Year) :
    if((Year % 400 == 0) or
        (Year % 100 != 0) and
        (Year % 4 == 0)):
        print("Given Year is a leap Year");
    else:
        print ("Given Year is not a leap Year")
Year = int(input("Enter the number: "))
CheckLeap(Year)
```


Challenge 2
Enter the number: 2024
Given Year is a leap Year