

≡ Write a program that determines whether a year entered

```
1 def CheckLeap(Year):  
2     if((Year % 400 == 0) or  
3         (Year % 100 != 0) and  
4         (Year % 4 == 0)):  
5         print("Given Year is a leap Year");  
  
6     else:  
7         print ("Given Year is not a leap  
8         Year")  
9     Year = int(input("Enter the number: "))  
10    CheckLeap(Year)
```

≡ Write a program that determines whether a year entered here

Enter the number: 2023

Given Year is not a leap Year

✂

≡ Implement a recursive function to calculate the factorial

```
1 ✓ def factorial(n):  
2     return 1 if (n < 1) else n * factorial(n  
    - 1)  
3 ✓ if __name__ == '__main__':  
4     n = 6  
5     print(f'The Factorial of {n} is',  
          factorial(n))
```

≡ Implement a recursive function to calculate the factorial

The Factorial of 6 is 720

