



```
1 import math
2 def fact(n):
3     return(math.factorial(n))
4
5 num = int(input("Enter the
  number:"))
6 f = fact(num)
7 print("Factorial of", num, "is", f)
```



```
Enter the number:6
Factorial of 6 is 720
```



```
1  year = int(input("Enter year to be
   checked: "))
2
3  ✓ if year % 4 == 0:
4  ✓     if year % 100 == 0:
5  ✓         if year % 400 == 0:
6             print("The year is a
   leap year!")
7  ✓     else:
8             print("The year is not
   a leap year!")
9  ✓ else:
10         print("The year is a leap
   year!")
11 ✓ else:
12     print("The year is not a leap
   year!")
13
```

Enter year to be checked: 2005  
The year is not a leap year!

