



Python (2) ⋮

 Exit

```
1  year = 2000
2
3  ✓ if (year % 400 == 0) and (year % 100
    == 0):
4      print("{0} is a leap
    year".format(year))
5
6  ✓ elif (year % 4 ==0) and (year % 100
    != 0):
7      print("{0} is a leap
    year".format(year))
8
9  ✓ else:
10     print("{0} is not a leap
    year".format(year))
```

ts a leap year



Python (1) :

 Exit

```
1 ✓ def factorial(x):  
2     """This is a recursive function  
3     to find the factorial of an  
4     integer"""  
5 ✓     if x == 1:  
6         return 1  
7 ✓     else:  
8         return (x * factorial(x-1))  
9  
10  
11 num = 3  
12 print("The factorial of", num, "is",  
    factorial(num))
```



Python (1) ⋮

 Exit

The factorial of 3 is 6



>_ Console

 Run