```python
def leapyear(a):
    if a%400==0:
        if a%4==0 and a%100!=0:

            print("The given year is a leap year")
    else:
        print("The given year is a non leap year")
        x=a%4
        y=a-x
        print("The Leap year is: ",y)
n=int(input("Enter a number:"))
d=leapyear(n)
```

Python 3.7.0 Shell
File Edit Shell Debug Options Window Help
```
Python 3.7.0 (v3.7.0:1bf9cc5093, Jun 27 2
018, 04:06:47) [MSC v.1914 32 bit (Intel)
] on win32
Type "copyright", "credits" or "license()
" for more information.
>>>
= RESTART: C:\Users\sse\AppData\Local\Pro
grams\Python\Python37-32\day 2 2.py =
Enter a number:1947
The given year is a non leap year
The Leap year is:  1944
>>>
```