elif Student Challenge #2

Q) check whether year is the leap year or not
        #a year have 365 days and 1/4 day , 4 quarter day makes one day and that will be added to the feb month . Usually feb will have 28 days but in leap year(year % 400 == 0) it will have 29 days . Every fourth year will be the leap year . If the year is century(year %100 == 0) then it is not leap year .

```python
year = int ( input (" enter year"))    #user input is type casted to int

if year % 100 ==0:
    if year % 400 == 0:
        print(" leap year")    #if the remainder is 0 it said as leap year
    else :
        print("not a leap year")
elif year % 4 == 0:
    print("leap year")
else :
    print(" not a leap year")
```