```python
# 1.2 Write a program that determines
whether a year entered by the user is a
leap year or not using ifelif-else
statements.


year = 2023


# To get year (integer input) from the
user

# year = int(input("Enter a year: "))


# divided by 100 means century year
(ending with 00)

# century year divided by 400 is leap year

if (year % 400 == 0) and (year % 100 ==
0):

    print("{0} is a leap
year".format(year))


# not divided by 100 means not a century
year

# year divided by 4 is a leap year

elif (year % 4 ==0) and (year % 100 != 0):
```

```python
    print("{0} is a leap year".format(year))


# if not divided by both 400 (century year) and 4 (not century year)

# year is not leap year

else:

    print("{0} is not a leap year".format(year))
```