

Check if a year is a leap year

```
#include<iostream>
```

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

```
if year % 4 == 0:
```

```
    if year % 100 == 0:
```

```
        if year % 400 == 0:
```

```
            print("The year is a leap year.")
```

```
        else:
```

```
            print("The year is not a leap year.")
```

```
    else:
```

```
        print("The year is a leap year.")
```

```
else:
```

```
    print("The year is not a leap year.")
```