 Marwadi University	Marwadi University Faculty of Technology Department of Information and Communication Technology	
Sem : 5	Name : Pushti Depani	
Day : 5	Date : 22/10/2022	Enrollment No: 92000133018

CP Club 365Days Challenge

Date – 22/10/2022

Programming language – C++

Problem Statement

Program to check leap Year or Not

For example

1999 is not a leap year

2000 is leap year

Your Code:

```
#include <iostream>
```

```
using namespace std;
```

```
int main() {
```

```
    int year;
```

```
    cout << "Enter a year: ";
```

```
    cin >> year;
```

```
    if (year % 400 == 0 && year % 4 == 0) {
```

```
        cout << year << " is a leap year";
```


```
    }
```

```
    else if (year % 100 == 0) {
```

```
        cout << year << " is not a leap year";
```

```
    }
```

```
    else {
```

 Marwadi University	Marwadi University Faculty of Technology Department of Information and Communication Technology	
Sem : 5	Name :Pushti Depani	
Day : 5	Date : 22/10/2022	Enrollment No: 92000133018

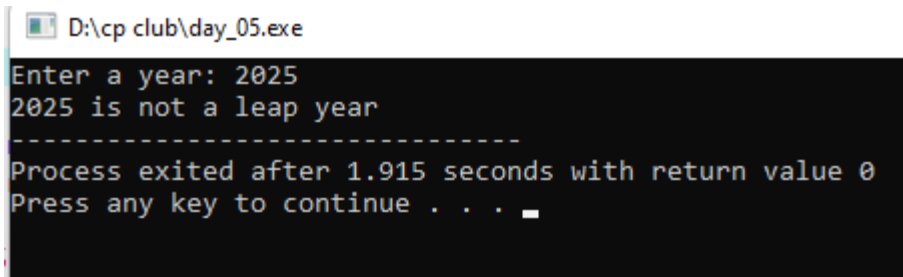
```

    cout << year << " is not a leap year";
}

return 0;
}

```

Output (Screen Shot):



```

D:\cp club\day_05.exe
Enter a year: 2025
2025 is not a leap year
-----
Process exited after 1.915 seconds with return value 0
Press any key to continue . . .

```

Understanding about problem:

Now to solve the problem using if , else condition and how to use it more effectively. A simple if else can be used to solve the problem to find the given year is a leap year or not.

Note: If you can't understand the problem, feel free to contact us and we'll help you. Please don't copy and paste from anywhere.

ALL THE BEST

Team CP Club