

Else Ladder in C

a decision is a chain of ifs in which the statement associated with each else is an if the following syntax of else ladder condition.

Syntax

```
if(condition1)
{
    statement1;
}
else if(condition2)
{
    statement2;
}
else if(condition3)
{
    statement3;
}
else if(condition n)
{
    statement n;
}
else
{
    default statement;
}
```

Example

```
#include<stdio.h>
#include<conio.h>

void main()
{
    int y;
    clrscr();

    printf("Enter Year:");
    scanf("%d",&y);

    if(y%400==0)
    {
        printf("Leap Year");
    }
    elseif(y%100=0)
    {
        printf("Not Leap Year");
    }
    elseif(y%4==0)
    {
        printf("Leap Year");
    }
}
```

```
else
{
    printf("Not Leap Year");
}
getch();
}
```