**Finding year is leap or not**

***Algorithm***

|  |  |
| --- | --- |
| **Step 1** | Start Process |
| **Step 2** | Read year from user |
| **Step 3** | If year % 4 is equal to zero goto Step 5 |
| **Step 4** | Else goto Step 10 |
| **Step 5** | If year % 100 is equal to zero goto Step 7 |
| **Step 6** | Else goto Step 9 |
| **Step 7** | If year % 400 is equal to zero goto Step 9 |
| **Step 8** | Else goto Step 10 |
| **Step 9** | Print year is leap year and goto Step 11 |
| **Step 10** | Print year is not leap year |
| **Step 11** | Stop Process |

***Flow Chart***

***Pseudo Code***

START

READ year

IF year % 4 is equal to 0

IF year % 100 is equal to 0

IF year % 400 is equal to 0

PRINT “Leap Year”

ELSE

PRINT “Not Leap Year”

END IF

ELSE

PRINT “Leap Year”

END IF

ELSE

PRINT “Not Leap Year”

END IF

STOP