**EXPERIMENT NO : 8**

import java.util.Scanner;

public class Leaptest

{

public void Leaptest(int z)

{

int year;

year = z;

boolean isLeapYear = false;

if(year%400==0)

{

isLeapYear = true;

}

else if(year%100==0)

{

isLeapYear = false;

}

else if(year%4==0)

{

isLeapYear = true;

}

else

{

isLeapYear = false;

}

if(isLeapYear)

{

System.out.println("\nYear "+year+" is a Leap year");

}

else

{

System.out.println("\nYear "+year+" is not a Leap year");

}

}

}

class Leap

{

public static void main(String args[])

{

Scanner sc = new Scanner(System.in);

System.out.println("\nEnter the year:\t");

int j = sc.nextInt();

Leaptest L = new Leaptest();

L.Leaptest(j);

}

}

**OUTPUT**



