**2) Write a program in Java that has Boolean function returning a string to display whether it is leap year or not.**

**Program :-**

import java.io.\*;

class leap

{

public boolean Check(int y)

{

if(y%4==0)

{

return true;

}

else

{

return false;

}

}

}

class leap\_Demo

{

public static void main(String args[])throws IOException

{

int yr;

System.out.println("Enter the year:=");

InputStreamReader isr=new InputStreamReader(System.in);

BufferedReader br=new BufferedReader(isr);

yr=Integer.parseInt(br.readLine());

leap obj1=new leap();

if(obj1.Check(yr)==true)

{

System.out.println("Year is leap year");

}

else

{

System.out.println("Year is not leap year");

}

}

}

**Output :-**

Enter the year

2021

year is not leap year

Press any key to continue . . .

Enter the year

2020

Year is leap year

Press any key to continue . . .