

22/04/2024

Program-31

Aim:-wap to find leap year.

Code:

```
package JAVA_LAB_WORK;

import java.util.*;

public class lab_1_3_31 {

    lab_1_3_31(){

        Scanner sc= new Scanner(System.in);

        System.out.println("the enter your year");

        int year=sc.nextInt();

        if(year%100==0&&year%400==0 || year%100!=0&&year%4==0){

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

        }

        else {

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

        }

    }

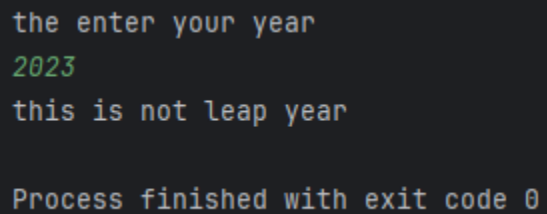
    public static void main(String[] args) {

        new lab_1_3_31();

    }

}
```

} output:

A screenshot of a terminal window showing the output of the Java program. The text is as follows:

```
the enter your year
2023
this is not leap year

Process finished with exit code 0
```