

Aim: To find the year of the given date is leap year or not and the results is verified using whitebox testing

Program:

```
import static org.junit.Assert.*;
import java.util.Scanner;

class leapyear
{
    public static void main (String[] args)
    {
        int i = 0;
        System.out.println ("Enter the date (month/year)");
        Scanner s = new Scanner (System.in);
        String re = s.next ();
        String [] r = re.split ("/", 3);
        int x = Integer.parseInt (r[2]);
        Assert.assertTrue (x >= 2000);
        if (x % 4 == 0)
        {
            System.out.println ("It is an leap year");
        }
        else {
            System.out.println ("It is not a leap year");
        }
    }
}
```

Output:

Input

12/04/2000

Actual Output

It is an leap year