1.LEAP YEAR

```java
package task1;
import java.util.Scanner;
public class Leap {

    public static void main(String[] args) {
        Scanner s= new Scanner(System.in);
        System.out.println("Enter a year:");
        int year =s.nextInt();

        if(year%4==0 && year%100!=0 || year%400==0) {
            System.out.println(year +" is a leap year.");
        }
        else {
            System.out.println(year +"is a not a leap year.");
        }

    }

}
```

OUTPUT:

Enter a year:
2024
2024 is a leap year.