

## Actividad 1.6

- Código de la clase Actividad1\_6\_Numeros.

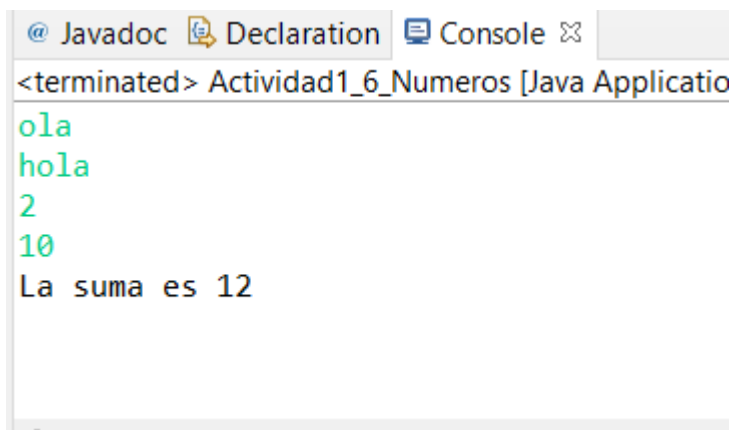
Valido si son números, y si los dos son números los sumo.

```
import java.io.BufferedReader;
import java.io.IOException;
import java.io.InputStreamReader;

public class Actividad1_6_Numeros {
    private static boolean isNumeric(String cadena,String cadena2){
        try {
            Integer.parseInt(cadena);
            Integer.parseInt(cadena2);
            return true;
        } catch (NumberFormatException nfe){
            return false;
        }
    }
    public static void main(String[] args) throws IOException {
        InputStreamReader in = new InputStreamReader(System.in);
        BufferedReader br = new BufferedReader (in);
        String cadena = null;
        String cadena2 = null;
        int cadenatotal;
        try{

            do{
                cadena= br.readLine();
                cadena2=br.readLine();
            }
            while(isNumeric(cadena,cadena2)==false);
            cadenatotal =
Integer.parseInt(cadena)+Integer.parseInt(cadena2);
            System.out.println("La suma es "+cadenatotal);
            in.close();
        }
        catch (Exception e) {
            e.printStackTrace();
        }

    }
}
```



The screenshot shows an IDE console window with tabs for Javadoc, Declaration, and Console. The Console tab is active, displaying the output of the program. The output consists of four lines: 'ola', 'hola', '2', and '10', followed by a blank line and then 'La suma es 12'.

```
<terminated> Actividad1_6_Numeros [Java Applicatio
ola
hola
2
10
La suma es 12
```

- Código de la clase "Clase":

```
import java.io.File;
import java.io.IOException;
import java.io.InputStream;
import java.io.OutputStream;
import java.util.Scanner;

public class Clase {
    private static boolean esNumero(String cadena,String cadena2){
        try {
            Integer.parseInt(cadena);
            Integer.parseInt(cadena2);
            return true;
        } catch (NumberFormatException nfe){
            return false;
        }
    }

    public static void main(String[] args) throws IOException {
        File directorio = new File(".\\bin");
        ProcessBuilder pb = new ProcessBuilder("java",
"Actividad1_6_Numeros");
        pb.directory(directorio);
        String texto=" "+ "\n";
        Scanner sc=new Scanner(System.in);
        String num1;
        String num2;
        // se ejecuta el proceso
        Process p = pb.start();
        // escritura - se envia la entrada
        OutputStream os = p.getOutputStream();
        do{
            num1=sc.nextLine();
            num2=sc.nextLine();
        }
        while(esNumero(num1,num2)==false);
        Integer.parseInt(num1);
        Integer.parseInt(num2);

        os.write((num1+texto).getBytes());
        os.flush();
        os.write((num2+texto).getBytes());
        os.flush(); // vacia el buffer de salida

        InputStream is = p.getInputStream();
        int c;
        while ((c= is.read())!=-1)
            System.out.print((char) c);
        is.close();
        // COMPROBACION DE ERROR - 0 bien - 1 mal
        int exitVal;
        try{
            exitVal = p.waitFor();
            System.out.println("Valor de Salida: " + exitVal);
        } catch (InterruptedException e) {
            e.printStackTrace();
        }
    }
}
```

```
}  
}  
  
}
```

@ Javadoc Declaration Console ✕  
<terminated> Clase [Java Application] C:\Pr  
20  
30  
La suma es 50  
Valor de Salida: 0