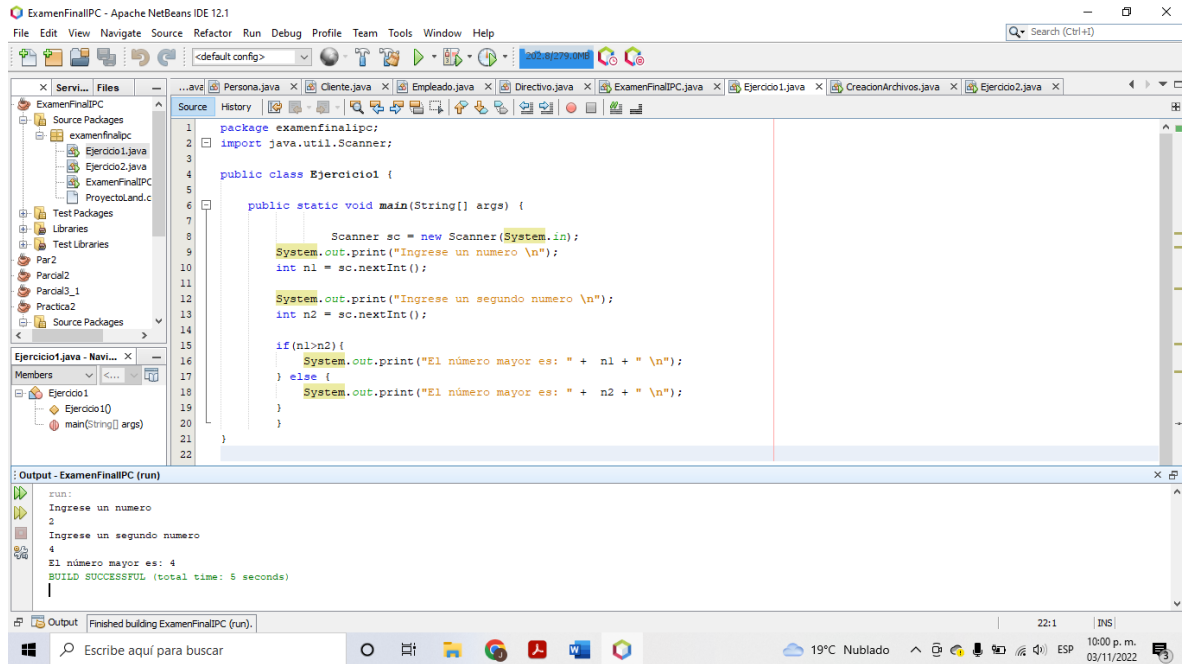


Examen Final IPC

Jorge Alejandro De León Batres

202111277

Problema 1:



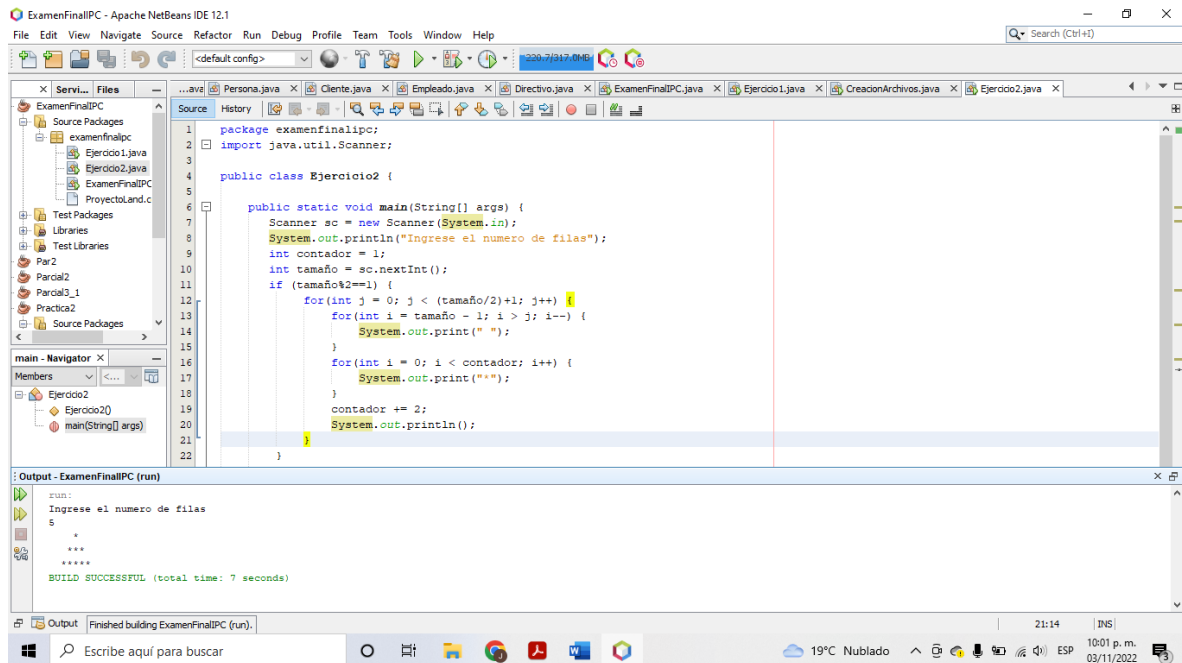
The screenshot shows the Apache NetBeans IDE with the file `Ejercicio1.java` open. The code is as follows:

```
1 package examenfinalipc;
2 import java.util.Scanner;
3
4 public class Ejercicio1 {
5
6     public static void main(String[] args) {
7
8         Scanner sc = new Scanner(System.in);
9         System.out.print("Ingrese un numero \n");
10        int n1 = sc.nextInt();
11
12        System.out.print("Ingrese un segundo numero \n");
13        int n2 = sc.nextInt();
14
15        if (n1 > n2) {
16            System.out.print("El número mayor es: " + n1 + " \n");
17        } else {
18            System.out.print("El número mayor es: " + n2 + " \n");
19        }
20    }
21 }
22
```

The output window shows the following text:

```
run:
Ingrese un numero
2
Ingrese un segundo numero
4
El número mayor es: 4
BUILD SUCCESSFUL (total time: 5 seconds)
```

Problema 2:



The screenshot shows the Apache NetBeans IDE with the file `Ejercicio2.java` open. The code is as follows:

```
1 package examenfinalipc;
2 import java.util.Scanner;
3
4 public class Ejercicio2 {
5
6     public static void main(String[] args) {
7
8         Scanner sc = new Scanner(System.in);
9         System.out.println("Ingrese el numero de filas");
10        int contador = 1;
11        int tamaño = sc.nextInt();
12        if (tamaño % 2 == 1) {
13            for (int j = 0; j < (tamaño/2)+1; j++) {
14                for (int i = tamaño - 1; i > j; i--) {
15                    System.out.print(" ");
16                }
17                for (int i = 0; i < contador; i++) {
18                    System.out.print("*");
19                }
20                contador += 2;
21                System.out.println();
22            }
23        }
24    }
25 }
```

The output window shows the following text:

```
run:
Ingrese el numero de filas
5
*
***
*****
BUILD SUCCESSFUL (total time: 7 seconds)
```

Problema 3:

