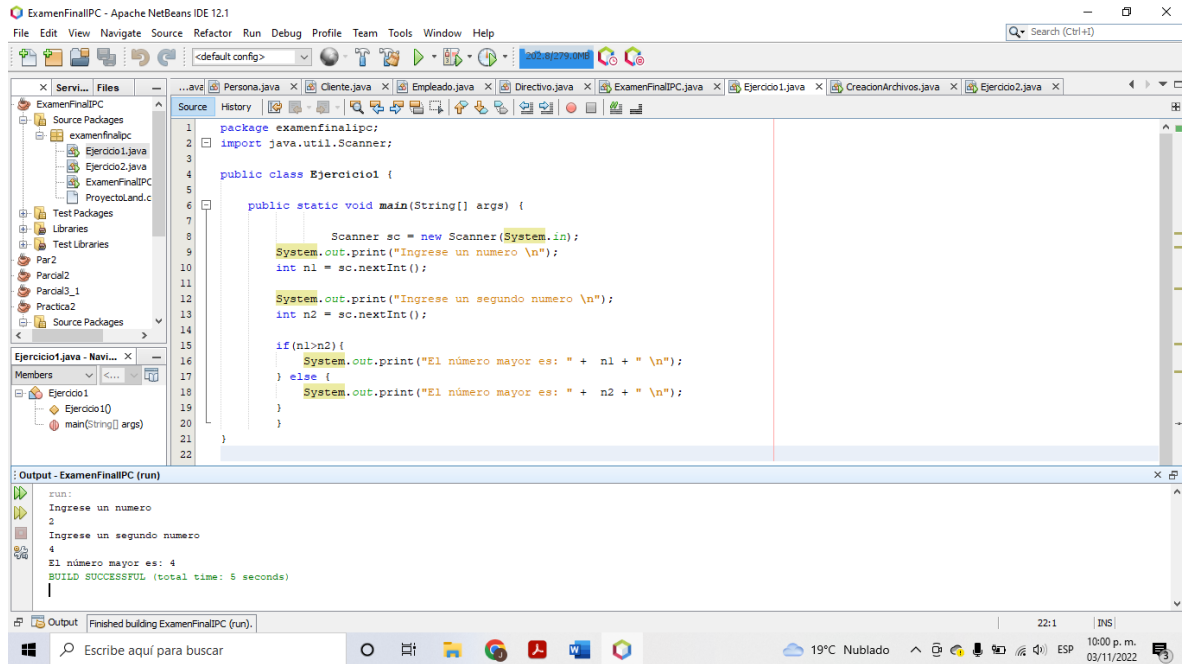


Examen Final IPC

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Problema 1:



The screenshot shows the Apache NetBeans IDE 12.1 interface. The main editor displays the code for `Ejercicio1.java` in the `examenfinalipc` package. The code uses `java.util.Scanner` to read two integers from the user and prints the larger one. The `Output - ExamenFinalIPC (run)` window shows the execution results, including the prompts, user input, and the final output.

```
package examenfinalipc;
import java.util.Scanner;

public class Ejercicio1 {

    public static void main(String[] args) {

        Scanner sc = new Scanner(System.in);
        System.out.print("Ingrese un numero \n");
        int n1 = sc.nextInt();

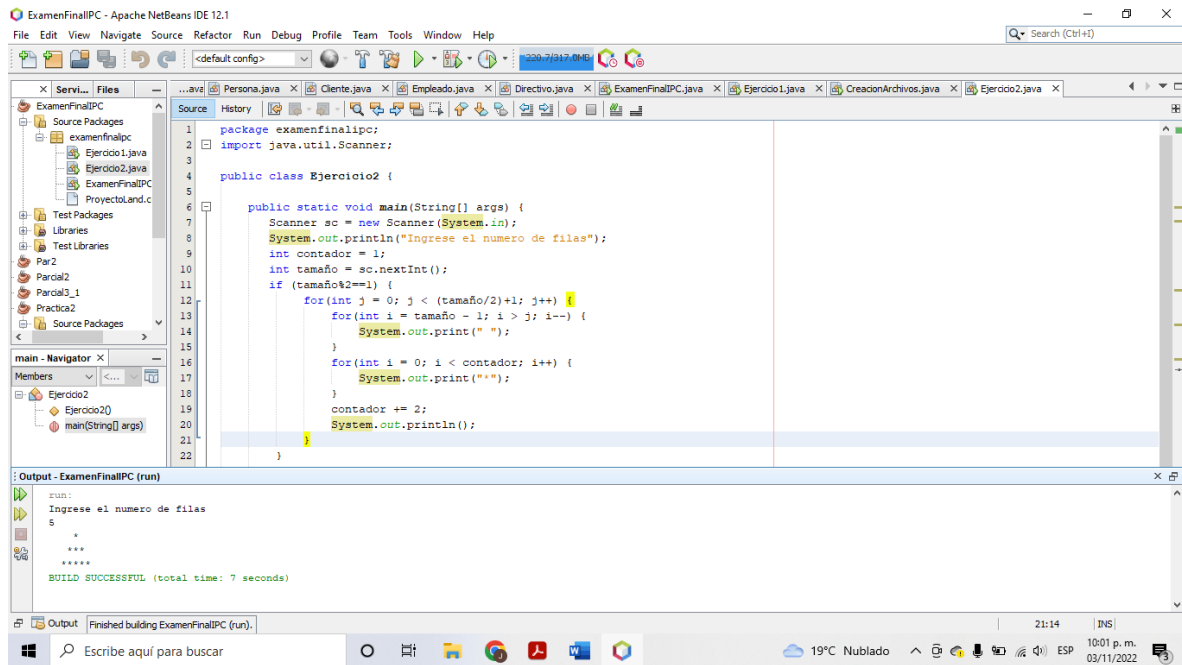
        System.out.print("Ingrese un segundo numero \n");
        int n2 = sc.nextInt();

        if (n1 > n2) {
            System.out.print("El número mayor es: " + n1 + " \n");
        } else {
            System.out.print("El número mayor es: " + n2 + " \n");
        }
    }
}
```

Output - ExamenFinalIPC (run)

```
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 12.1 interface. The main editor displays the code for `Ejercicio2.java` in the `examenfinalipc` package. The code uses `java.util.Scanner` to read the number of rows and prints a pattern of asterisks. The `Output - ExamenFinalIPC (run)` window shows the execution results, including the prompt, user input, and the final output.

```
package examenfinalipc;
import java.util.Scanner;

public class Ejercicio2 {

    public static void main(String[] args) {
        Scanner sc = new Scanner(System.in);
        System.out.println("Ingrese el numero de filas");
        int contador = 1;
        int tamaño = sc.nextInt();
        if (tamaño % 2 == 1) {
            for (int j = 0; j < (tamaño/2)+1; j++) {
                for (int i = tamaño - 1; i > j; i--) {
                    System.out.print(" ");
                }
                for (int i = 0; i < contador; i++) {
                    System.out.print("*");
                }
                contador += 2;
                System.out.println();
            }
        }
    }
}
```

Output - ExamenFinalIPC (run)

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