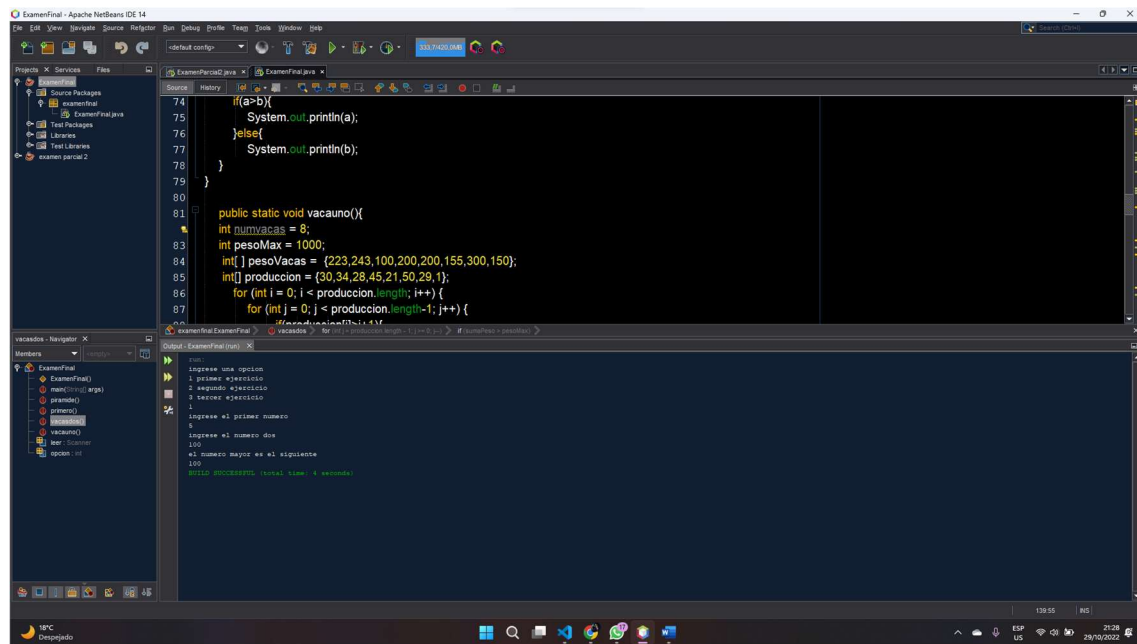


## Primer ejercicio



The screenshot shows the Apache NetBeans IDE with the following details:

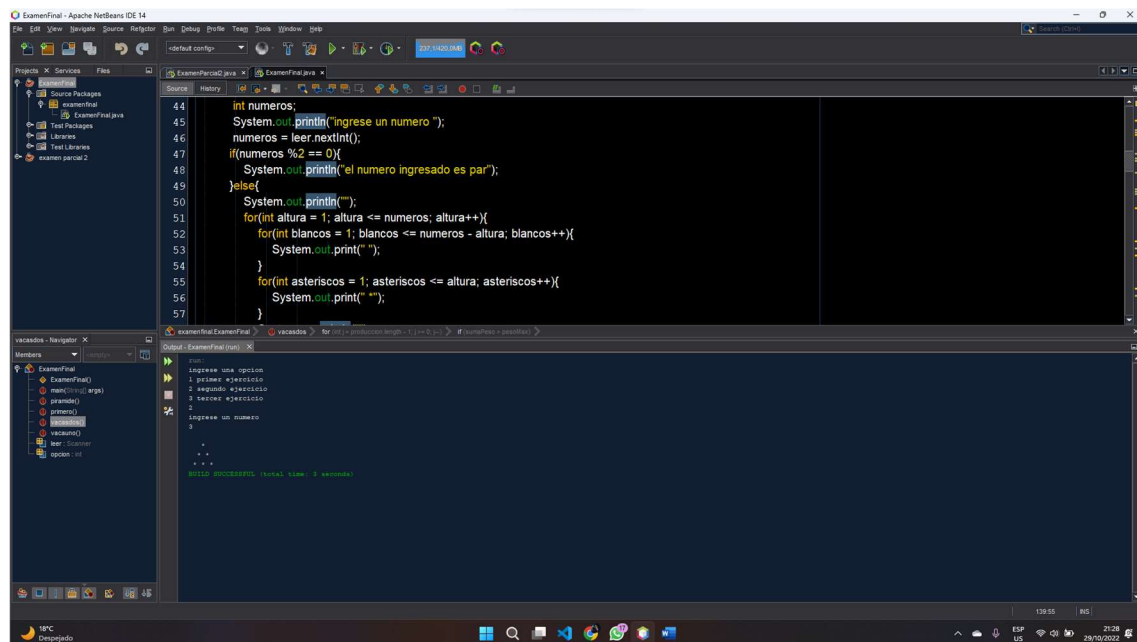
- Project Explorer:** Shows a project named 'examenFinal' with sub-packages 'examenFinal.java', 'Test Packages', 'Libraries', and 'Test Libraries'.
- Source Editor:** Displays the code for 'examenFinal.java'. The code includes a comparison of two numbers and a method 'vacaciones()' that calculates the number of vacation days based on production and pesoMax.
- Output Console:** Shows the execution results, including the prompt 'Ingrese una opcion' and the output '1. primer ejercicio'.

```
74 if(a>b){
75     System.out.println(a);
76 }else{
77     System.out.println(b);
78 }
79 }
80
81 public static void vacaciones(){
82     int numVacas = 8;
83     int pesoMax = 1000;
84     int[] pesoVacas = {223,243,100,200,200,155,300,150};
85     int[] produccion = {30,34,28,45,21,50,29,1};
86     for (int i = 0; i < produccion.length; i++) {
87         for (int j = 0; j < produccion.length-1; j++) {
```

Output - examenFinal (run):

```
run
Ingrese una opcion
1. primer ejercicio
2. segundo ejercicio
3. tercer ejercicio
1
Ingrese el primer numero
5
Ingrese el segundo numero
100
el numero mayor es el siguiente
100
BUILD SUCCESSFUL (total time: 4 seconds)
```

## Segundo ejercicio



The screenshot shows the Apache NetBeans IDE with the following details:

- Project Explorer:** Same as the first screenshot.
- Source Editor:** Displays the code for 'examenFinal.java'. The code includes a method 'vacaciones()' that calculates the number of vacation days based on production and pesoMax.
- Output Console:** Shows the execution results, including the prompt 'Ingrese una opcion' and the output '2. segundo ejercicio'.

```
44 int numeros;
45 System.out.println("ingrese un numero ");
46 numeros = leer.nextInt();
47 if(numeros %2 == 0){
48     System.out.println("el numero ingresado es par");
49 }else{
50     System.out.println("");
51     for(int altura = 1; altura <= numeros; altura++){
52         for(int blancos = 1; blancos <= numeros - altura; blancos++){
53             System.out.print(" ");
54         }
55         for(int asteriscos = 1; asteriscos <= altura; asteriscos++){
56             System.out.print("* ");
57         }
58     }
59 }
```

Output - examenFinal (run):

```
run
Ingrese una opcion
1. primer ejercicio
2. segundo ejercicio
3. tercer ejercicio
2
Ingrese un numero
3
...
...
BUILD SUCCESSFUL (total time: 3 seconds)
```

## Tercer ejercicio

