



**MODALIDAD PRESENCIAL**

**FACULTAD DE INGENIERIAS Y ARQUITECTURAS**

**CARRERA DE COMPUTACION**

**ACTIVIDAD**

**TEMA:** Captura de ejercicio.

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**Paralelo:** B

**PERIODO ACADEMICO**

**OCTUBRE 2022 – FEBRERO 2023**

**AÑO**

**2022**

## PRACTICA 09

<b>Materia:</b> Introducción a la programación.	<b>Fecha:</b> 07 – 12 – 2022.
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### PARESIMPARES1

The screenshot displays the Apache NetBeans IDE interface. The main editor window shows the source code for `ParesImpares1.java`. The code prompts the user to enter a number of values, then iterates through them, counting how many are even (`c_p`) and how many are odd (`c_im`). It then calculates the percentage of even and odd numbers and prints the results.

```
15 n = sc.nextInt();
16
17 int pro_n[] = new int[n];
18
19 for (int i = 0; i <= n - 1; i++) {
20     System.out.print ("Ingrese el numero " + (i + 1) + ": ");
21     pro_n[i] = sc.nextInt();
22 }
23 c_p = 0;
24 c_im = 0;
25 for (int i = 0; i <= n - 1; i++) {
26     if (pro_n[i] % 2 == 0) {
27         c_p = (short) (c_p + 1);
28     } else {
29         c_im = (short) (c_im + 1);
30     }
31 }
32 pro_par = (float)c_p/n * 100;
33 pro_imp = (float)c_im / n * 100;
34
35 System.out.println ("El " + pro_par + "% de los numeros son pares y el " + pro_imp + "% son impares");
```

The Output window shows the execution results for a run with 8 inputs:

```
¿Cuantos numeros desea ingresar? 8
Ingrese el numero 1: 1
Ingrese el numero 2: 4
Ingrese el numero 3: -2
Ingrese el numero 4: 8
Ingrese el numero 5: -5
Ingrese el numero 6: 0
Ingrese el numero 7: 10
Ingrese el numero 8: -1

El 62.5% de los numeros son pares y el 37.5% son impares
```

The status bar at the bottom indicates the application is running, with a CPU usage of 37.5% and an FPS of 15.