

PROBLEMA No. 1

Parcial_IPC - Apache NetBeans IDE 12.6

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Services Projects Files Start Page Partial_IPC.java

Source History

```
19 System.out.println("-----");
20
21 Opcion = Leer.nextInt();
22
23 switch (Opcion) {
24     case 1:
25         System.out.println("Ingrese un numero");
26         numero1 = Leer.nextInt();
27         System.out.println("Ingrese el segundo numero");
28         numero2 = Leer.nextInt();
29         if (numero1 > numero2){
30             System.out.println("El numero mayor es: " + numero1);
31         }
32         else
33         {
34             System.out.println("El numero mayor es: " + numero2);
35         }
36         break;
```

Output - Parcial_IPC (run)

```
* Problema 2 *
* Problema 3 *
* Salir *
-----
1
Ingrese un numero
75
Ingrese el segundo numero
25
El numero mayor es: 75
BUILD SUCCESSFUL (total time: 8 seconds)
```

Output 34:73 INS

Windows Taskbar: Home, Word, PowerPoint, Excel, Paint, Edge, Chrome, File Explorer, Visual Studio Code

System Tray: ESP, ES, 9:10 p. m., 29/04/2022

PROBLEMA No. 2

The screenshot displays the Apache NetBeans IDE 12.6 interface. The main editor window shows the source code for `Parcial_IPC.java`. The code is part of a `case 2:` block and handles user input for an odd number. It includes a check for even numbers and a loop to print a pattern of asterisks.

```
38      case 2:
39          System.out.println("Ingrese un numero impar");
40          numeroImpar = Leer.nextInt();
41
42          if (numeroImpar%2 == 0){
43              System.out.println("ERROR ingrese solamente numeros impares");
44          }
45          else
46          {
47              for(int i = 1; i <=(numeroImpar / 2)+1; i++){
48                  for(int j = 1; j <= numeroImpar - i; j++){
49                      System.out.print(" ");
50                  }
51                  for(int k = 1; k <= (i*2)-1; k++){
52                      System.out.print("*");
53                  }
54                  System.out.println();
55              }
56          }
```

The bottom output window, titled "Output - Parcial_IPC (run)", shows the program's execution. It displays a menu with options: Problema 1, Problema 2, Problema 3, and Salir. The user selected "Problema 2", entered "5", and the program outputted "ERROR ingrese solamente numeros impares". The build was successful, taking 4 seconds.

```
>> -----MENU-----
>> *   Problema 1   *
>> *   Problema 2   *
>> *   Problema 3   *
>> *     Salir     *
>> -----
> Ingrese un numero impar
> 5
ERROR ingrese solamente numeros impares
BUILD SUCCESSFUL (total time: 4 seconds)
```

Parcial_IPC - Apache NetBeans IDE 12.6

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Source History

```
38      case 2:
39          System.out.println("Ingrese un numero impar");
40          numeroImpar = Leer.nextInt();
41
42          if (numeroImpar%2 == 0){
43              System.out.println("ERROR ingrese solamente numeros impares");
44          }
45          else
46          {
47              for(int i = 1; i <=(numeroImpar / 2)+1; i++){
48                  for(int j = 1; j <= numeroImpar - i; j++){
49                      System.out.print(" ");
50                  }
51                  for(int k = 1; k <= (i*2)-1; k++){
52                      System.out.print("*");
53                  }
54                  System.out.println();
55          }
```

Output - Parcial_IPC (run)

```
>>> * Problema 2 *
>>> * Problema 3 *
>>> * Salir *
>>> -----
>>> Ingrese un numero impar
>>>
>>> *
>>> ***
>>> *****
>>>
>>> BUILD SUCCESSFUL (total time: 3 seconds)
```

Output

57:1 INS

Windows Taskbar: Home, Word, PowerPoint, Excel, Paint, Edge, Chrome, File Explorer, 3D Viewer

System Tray: ESP, ES, 9:51 p. m., 29/04/2022

PROBLEMA No. 3