

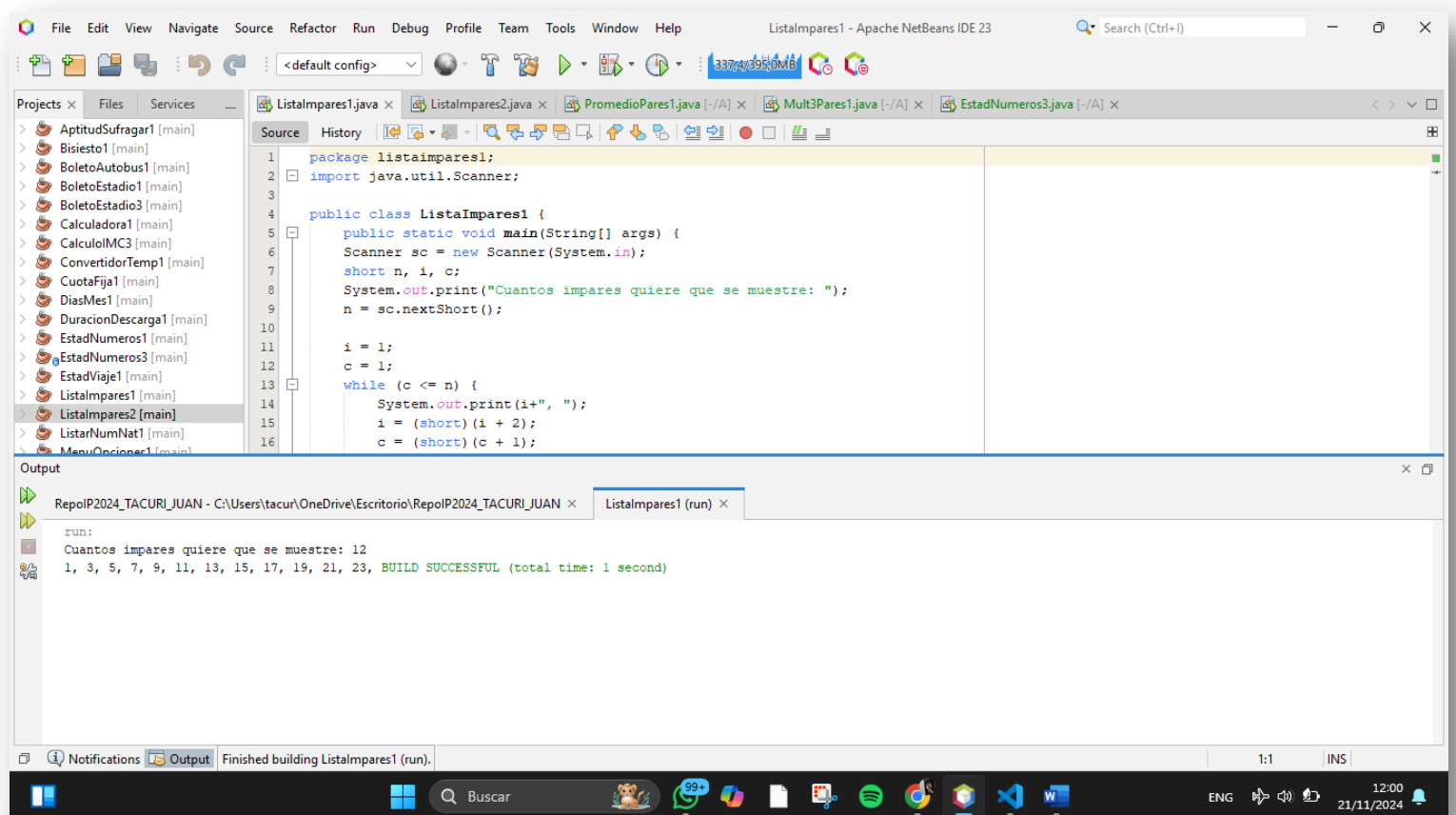
PracticaEnClase05: Captura(s) práctica en clase 20 y 21 nov 2024

Subir aquí la captura del(los) siguiente(s) programa(s) desarrollado(s) como **PRÁCTICA EN CLASE** el 20 y 21 nov 2024:

- ListalImpares1
- ListalImpares2
- PromedioPares1
- Mult3Pares1
- EstadNumeros3

Cada captura debe mostrar el código y la corrida en **Netbeans**.

- ListalImpares1



- ListImpares2

The screenshot shows the Apache NetBeans IDE with the `ListImpares2.java` file open. The code defines a package `listimpares2` and a class `ListImpares2` with a `main` method. The `main` method uses a `Scanner` to read a range limit `n` and prints odd numbers from 1 to `n`. The output window shows the program running successfully, printing the sequence 1, 3, 5, 7, 9, 11.

```
1 package listimpares2;
2 import java.util.Scanner;
3
4 public class ListImpares2 {
5     public static void main(String[] args) {
6         Scanner sc = new Scanner(System.in);
7         short n, i;
8         System.out.print("Indique el rango limite para mostrar impares: ");
9         n = sc.nextShort();
10
11         i = 1;
12         while (i <= n) {
13             System.out.print(i+", ");
14             i = (short) (i + 2);
15         }
16     }
17 }
```

Output:

```
run:
Indique el rango limite para mostrar impares: 12
1, 3, 5, 7, 9, 11, BUILD SUCCESSFUL (total time: 2 seconds)
```

- PromedioPares1

The screenshot shows the Apache NetBeans IDE with the `PromedioPares1.java` file open. The code defines a package `promediopares1` and a class `PromedioPares1` with a `main` method. The `main` method uses a `Scanner` to read a quantity `n` and a starting value `par`. It calculates the sum of even numbers from `par` to `n` and prints the average. The output window shows the program running successfully, calculating the average of even numbers from 2 to 12.

```
1 package promediopares1;
2 import java.util.Scanner;
3 public class PromedioPares1 {
4     public static void main(String[] args) {
5         Scanner sc = new Scanner(System.in);
6         short n, suma = 0, contador = 0, par = 2;
7         float promedio;
8         System.out.print("Ingrese la cantidad de numeros pares: ");
9         n = sc.nextShort();
10
11         while (contador < n) {
12             suma += (short) par;
13             contador++;
14             par += 2;
15         }
16         promedio = (float) suma / n;
17     }
18 }
```

Output:

```
run:
Ingrese la cantidad de numeros pares: 12
Suma: 156
Promedio: 13.0
By Juan TacuriBUILD SUCCESSFUL (total time: 3 seconds)
```

- Mult3Pares1

The screenshot shows the Apache NetBeans IDE with the file `Mult3Pares1.java` open. The code is as follows:

```
1 package mult3pares1;
2 import java.util.Scanner;
3 public class Mult3Pares1 {
4     public static void main(String[] args) {
5         Scanner scanner = new Scanner(System.in);
6         System.out.print("Ingrese cantidad de elementos a mostrar: ");
7         int n = scanner.nextInt();
8
9         int x = 0;
10        int c = 0;
11
12        while (c < n) {
13            x += 2;
14            if (x % 3 != 0) {
15                System.out.print(x + " ");
16                c++;
17            }
18        }
19    }
20 }
```

The Output window shows the following execution results:

```
run:
Ingrese cantidad de elementos a mostrar: 12
2 4 8 10 14 16 20 22 26 28 32 34
BUILD SUCCESSFUL (total time: 1 second)
```

- EstadNumeros3

The screenshot shows the Apache NetBeans IDE with the file `EstadNumeros3.java` open. The code is as follows:

```
1 package estadnumeros3;
2 import java.util.Scanner;
3 public class EstadNumeros3 {
4     public static void main(String[] args) {
5         Scanner sc = new Scanner(System.in);
6         byte n;
7         int v, suma = 0, c = 1, mayor = 0;
8         float media;
9
10        System.out.print("Ingrese la cantidad de los valores: ");
11        n = sc.nextByte();
12        while (c <= n) {
13            System.out.print("Ingrese valor "+c+": ");
14            v = sc.nextInt();
15            if (v > mayor) {
16                mayor = v;
17            }
18            suma += v;
19            c++;
20        }
21        media = (float) suma / n;
22        System.out.println("La media aritmetica de los "+n+" numeros es "+media);
23        System.out.println("El mayor de los numeros ingresados es: "+mayor);
24    }
25 }
```

The Output window shows the following execution results:

```
run:
Ingrese la cantidad de los valores: 6
Ingrese valor 1: 3
Ingrese valor 2: 8
Ingrese valor 3: 9
Ingrese valor 4: 1
Ingrese valor 5: 6
Ingrese valor 6: 8
La media aritmetica de los 6 numeros es 5.8333335
El mayor de los numeros ingresados es: 9
BUILD SUCCESSFUL (total time: 19 seconds)
```