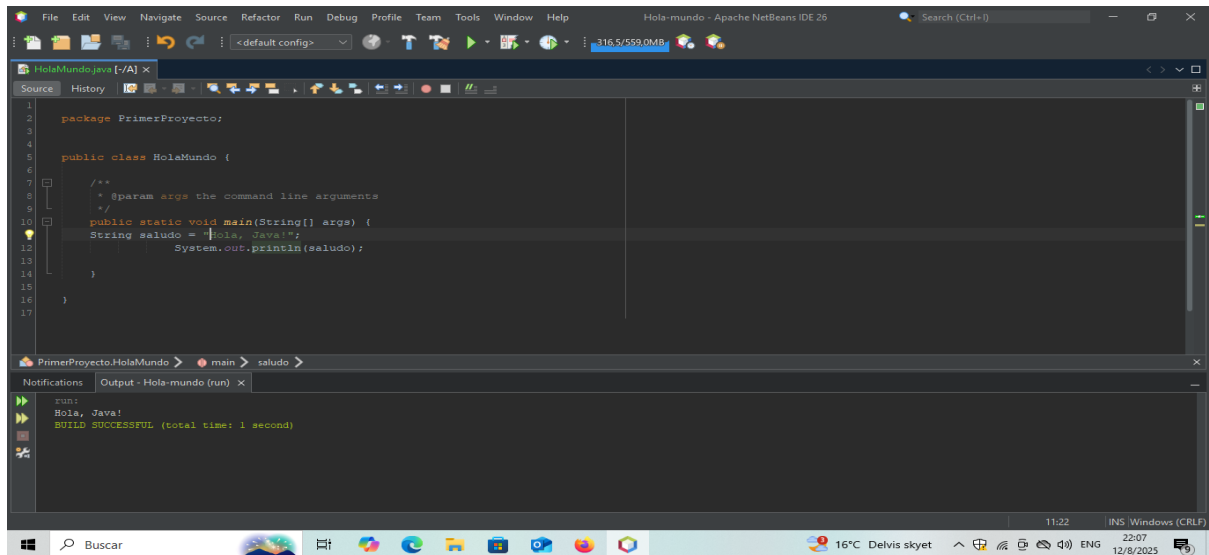


TRABAJO PRACTICO N1 (INTRODUCCIÓN A JAVA)

Alumna: MELANY WOLANINK

2)



The screenshot shows the NetBeans IDE interface. The main editor window displays the source code of a Java class named `HolaMundo` in the `PrimerProyecto` package. The code is as follows:

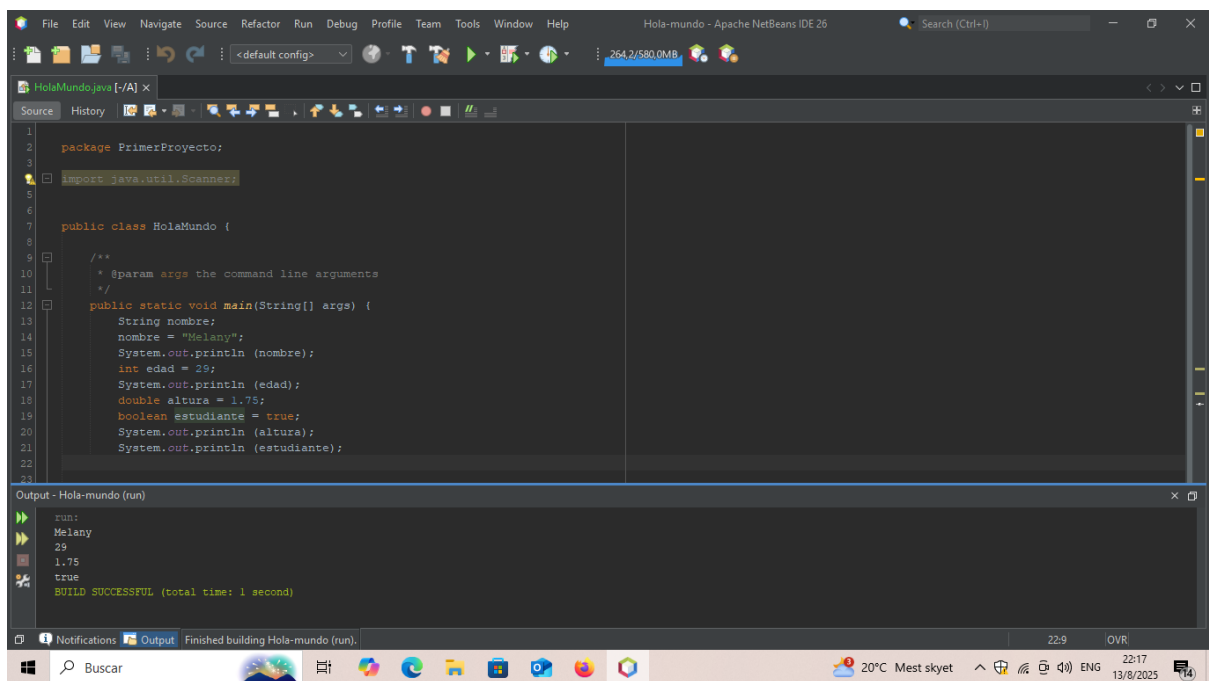
```
1 package PrimerProyecto;
2
3
4 public class HolaMundo {
5
6     /**
7      * @param args the command line arguments
8      */
9     public static void main(String[] args) {
10         String saludo = "Hola, Java!";
11         System.out.println(saludo);
12     }
13 }
14
15
16
17
```

The Run window at the bottom shows the output of the program:

```
run:
HOLA, Java!
BUILD SUCCESSFUL (total time: 1 second)
```

The status bar at the bottom indicates the system temperature is 16°C, the location is Delvis skyet, and the date is 12/8/2025.

3)



The screenshot shows the NetBeans IDE interface. The main editor window displays the source code of a Java class named `HolaMundo` in the `PrimerProyecto` package. The code is as follows:

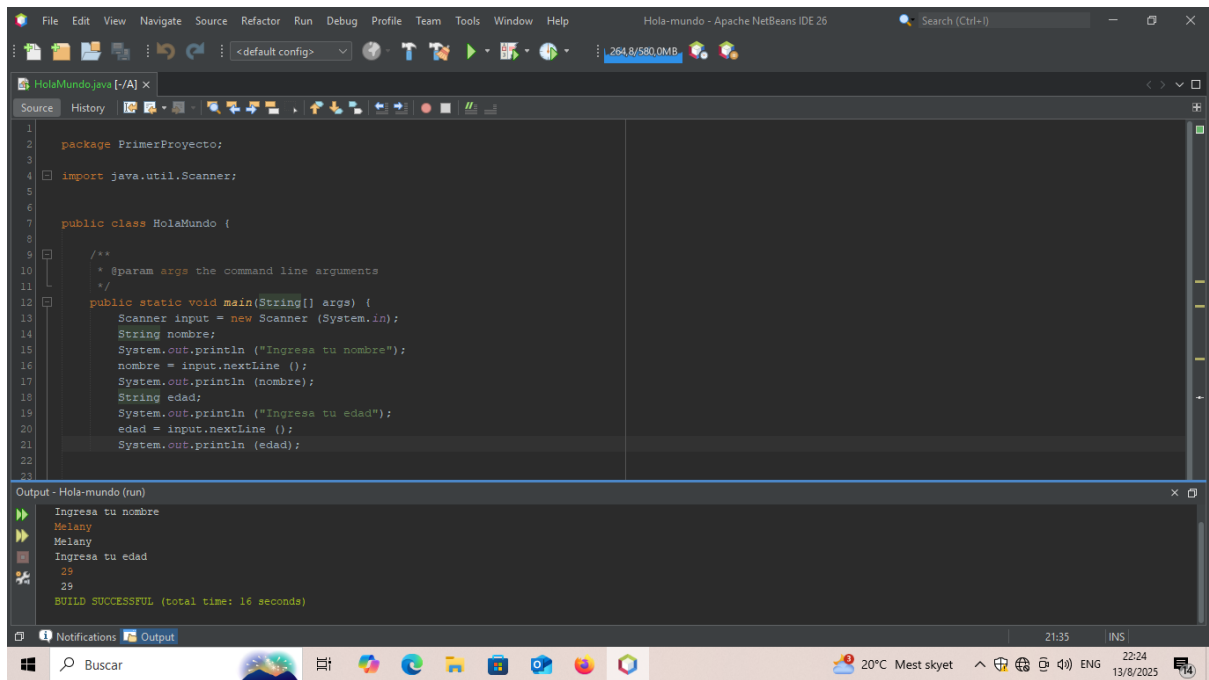
```
1 package PrimerProyecto;
2
3 import java.util.Scanner;
4
5
6 public class HolaMundo {
7
8     /**
9      * @param args the command line arguments
10     */
11     public static void main(String[] args) {
12         String nombre;
13         nombre = "Melany";
14         System.out.println(nombre);
15         int edad = 29;
16         System.out.println(edad);
17         double altura = 1.75;
18         boolean estudiante = true;
19         System.out.println(altura);
20         System.out.println(estudiante);
21     }
22 }
23
```

The Run window at the bottom shows the output of the program:

```
run:
Melany
29
1.75
true
BUILD SUCCESSFUL (total time: 1 second)
```

The status bar at the bottom indicates the system temperature is 20°C, the location is Mest skyet, and the date is 13/8/2025.

4)



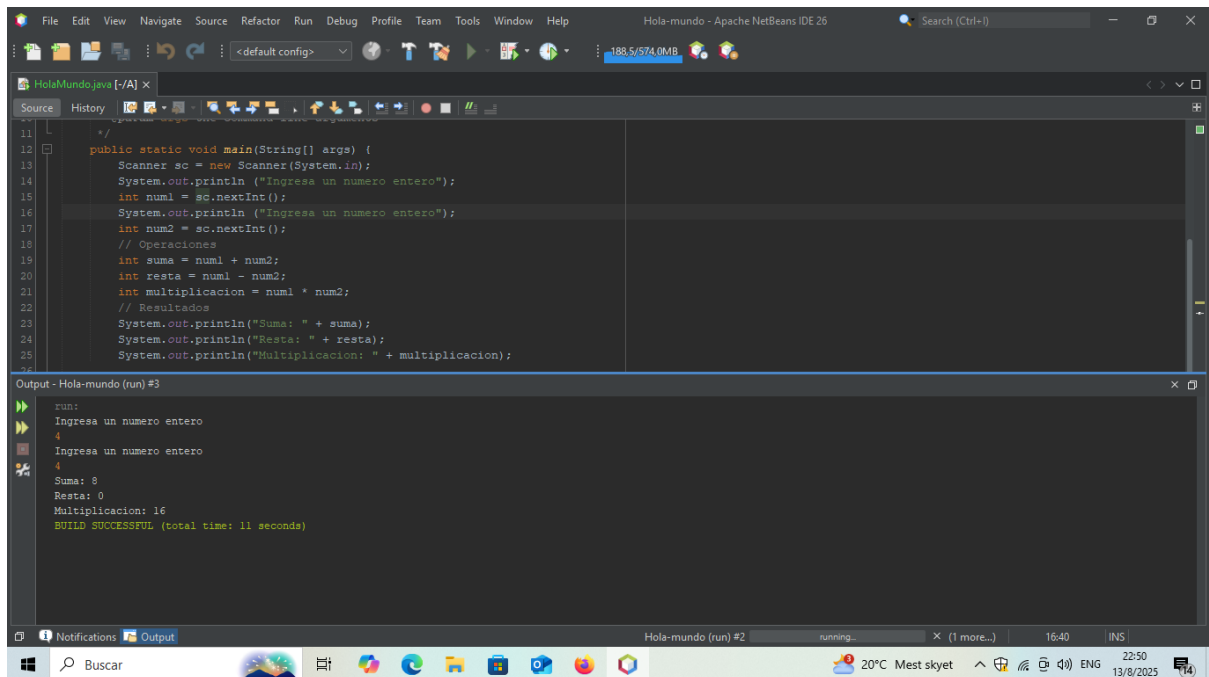
The screenshot shows the NetBeans IDE with the file `HolaMundo.java` open. The code is as follows:

```
1 package PrimerProyecto;
2
3
4 import java.util.Scanner;
5
6
7 public class HolaMundo {
8
9     /**
10      * @param args the command line arguments
11      */
12     public static void main(String[] args) {
13         Scanner input = new Scanner (System.in);
14         String nombre;
15         System.out.println ("Ingresar tu nombre");
16         nombre = input.nextLine ();
17         System.out.println (nombre);
18         String edad;
19         System.out.println ("Ingresar tu edad");
20         edad = input.nextLine ();
21         System.out.println (edad);
22     }
23 }
```

The output window shows the following execution results:

```
run:
Ingresar tu nombre
Melany
Melany
Ingresar tu edad
25
25
BUILD SUCCESSFUL (total time: 16 seconds)
```

5)



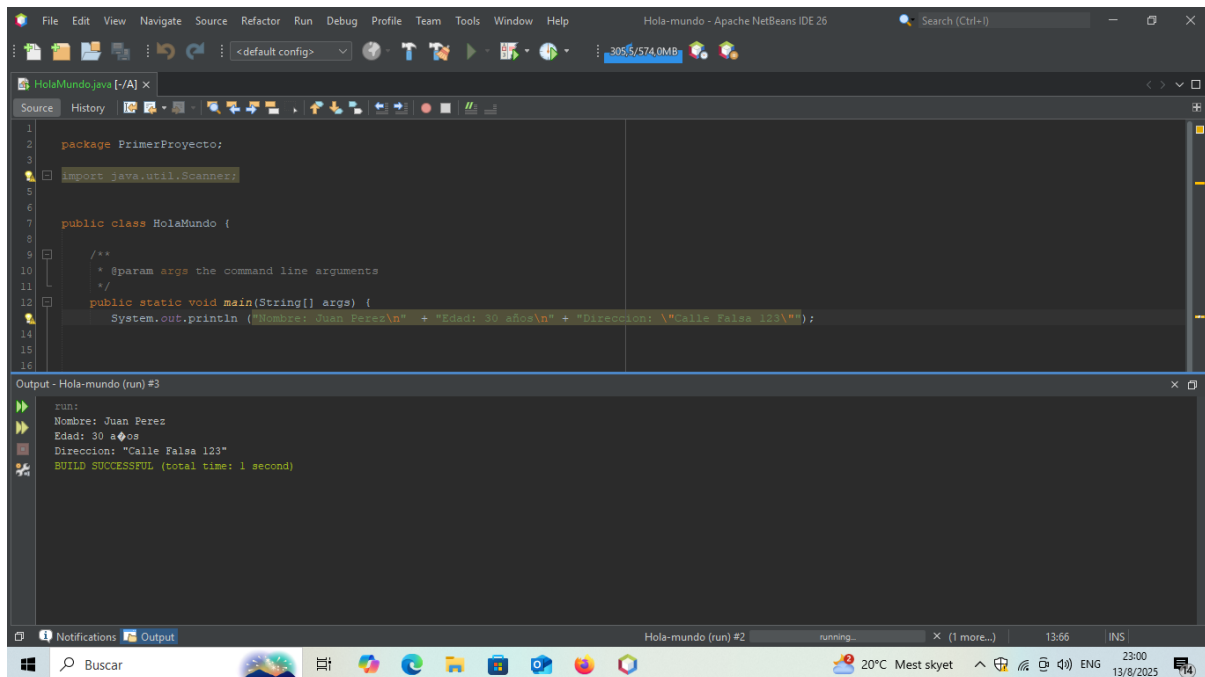
The screenshot shows the NetBeans IDE with the file `HolaMundo.java` open. The code is as follows:

```
11
12
13 public static void main(String[] args) {
14     Scanner sc = new Scanner(System.in);
15     System.out.println ("Ingresar un numero entero");
16     int num1 = sc.nextInt();
17     System.out.println ("Ingresar un numero entero");
18     int num2 = sc.nextInt();
19     // Operaciones
20     int suma = num1 + num2;
21     int resta = num1 - num2;
22     int multiplicacion = num1 * num2;
23     // Resultados
24     System.out.println("Suma: " + suma);
25     System.out.println("Resta: " + resta);
26     System.out.println("Multiplicacion: " + multiplicacion);
27 }
```

The output window shows the following execution results:

```
run:
Ingresar un numero entero
4
Ingresar un numero entero
4
Suma: 8
Resta: 0
Multiplicacion: 16
BUILD SUCCESSFUL (total time: 11 seconds)
```

6)



The screenshot shows the Apache NetBeans IDE interface. The main editor window displays the source code of a Java file named `HolaMundo.java`. The code is as follows:

```
1 package PrimerProyecto;
2
3 import java.util.Scanner;
4
5
6 public class HolaMundo {
7
8     /**
9      * @param args the command line arguments
10     */
11
12     public static void main(String[] args) {
13         System.out.println ("Nombre: Juan Perez\n" + "Edad: 30 años\n" + "Direccion: \"Calle Falsa 123\"");
14     }
15 }
16
```

Below the source code editor, the 'Output' window shows the results of running the program. It displays the following text:

```
run:
Nombre: Juan Perez
Edad: 30 años
Direccion: "Calle Falsa 123"
BUILD SUCCESSFUL (total time: 1 second)
```

The IDE's status bar at the bottom indicates that the program is running successfully.

7) Analiza el siguiente código y responde: ¿Cuáles son expresiones y cuáles son instrucciones?

`int x = 10; // Línea 1 (EXPRESIÓN)`

`x = x + 5; // Línea 2 (EXPRESIÓN)`

`System.out.println(x); // Línea 3 (INSTRUCCIÓN)`

Expresión es una frase suelta en el sistema y instrucción le indica a la consola que acción debe realizar.

8)

The screenshot shows the NetBeans IDE with a Java file named `HolaMundo.java`. The code is as follows:

```

1 package PrimerProyecto;
2
3 import java.util.Scanner;
4
5
6 public class HolaMundo {
7
8     /**
9      * @param args the command line arguments
10     */
11
12     public static void main(String[] args) {
13         System.out.println ("Nombre: Juan Perez\n" + "Edad: 30 años\n" + "Direccion: \"Calle Falsa 123\"");
14     }
15 }
16

```

The output window shows the result of running the program:

```

run:
Nombre: Juan Perez
Edad: 30 años
Direccion: "Calle Falsa 123"
BUILD SUCCESSFUL (total time: 1 second)

```

9)

The screenshot shows the NetBeans IDE with the same `HolaMundo.java` file, but with updated code to use a `Scanner` for user input:

```

9 public class HolaMundo {
10
11     /**
12      * @param args the command line arguments
13     */
14
15     public static void main(String[] args) {
16         try (Scanner scanner = new Scanner(System.in)) {
17             System.out.print("Ingresá tu nombre: ");
18             String nombre = scanner.nextLine(); // CORRECCIÓN
19
20             System.out.println("Hola, " + nombre);
21         }
22     }
23
24 }
25
26
27
28
29

```

The output window shows the result of running the program with the input "Melany":

```

run:
Ingresá tu nombre: Melany
Hola, Melany
BUILD SUCCESSFUL (total time: 5 seconds)

```