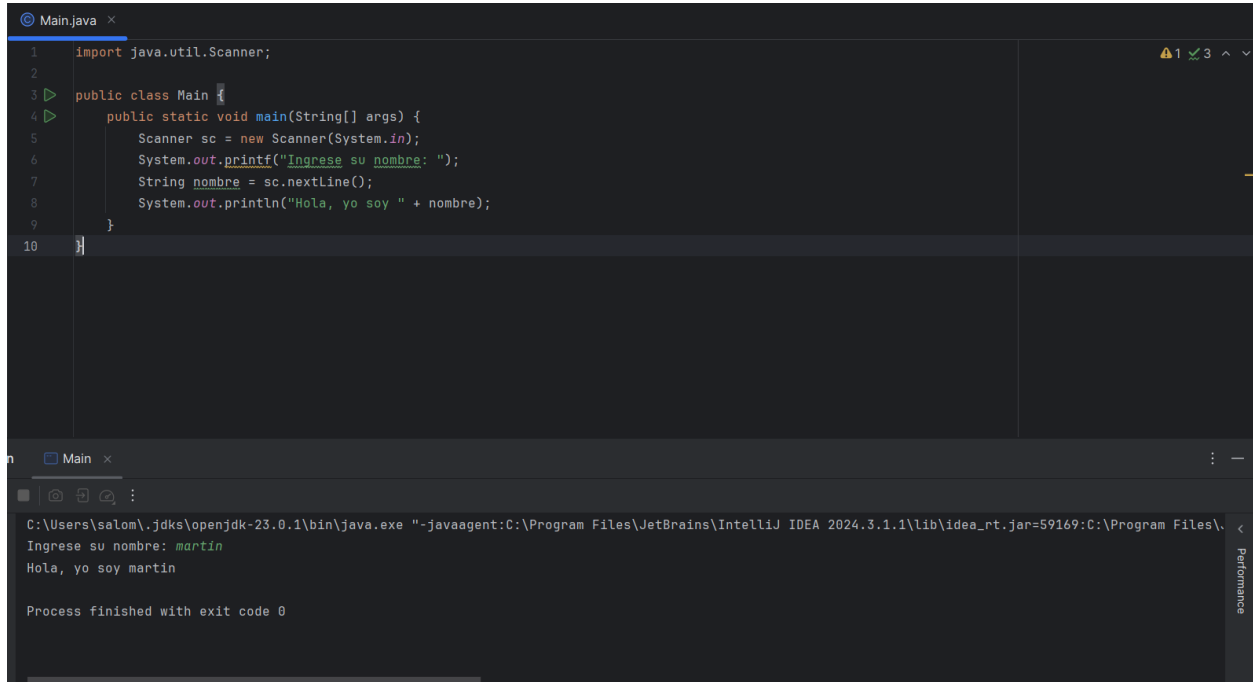


Estudiante: Martin Salomon

Ejercicio 1:

Escriba un programa que lee un nombre de una persona (String) e imprima "Hola, soy yo " seguido del texto introducido.



The screenshot shows an IDE with a Java file named 'Main.java'. The code is as follows:

```
1 import java.util.Scanner;
2
3 public class Main {
4     public static void main(String[] args) {
5         Scanner sc = new Scanner(System.in);
6         System.out.printf("Ingresa su nombre: ");
7         String nombre = sc.nextLine();
8         System.out.println("Hola, yo soy " + nombre);
9     }
10 }
```

Below the code editor, the 'Main' tab is active, showing the execution output:

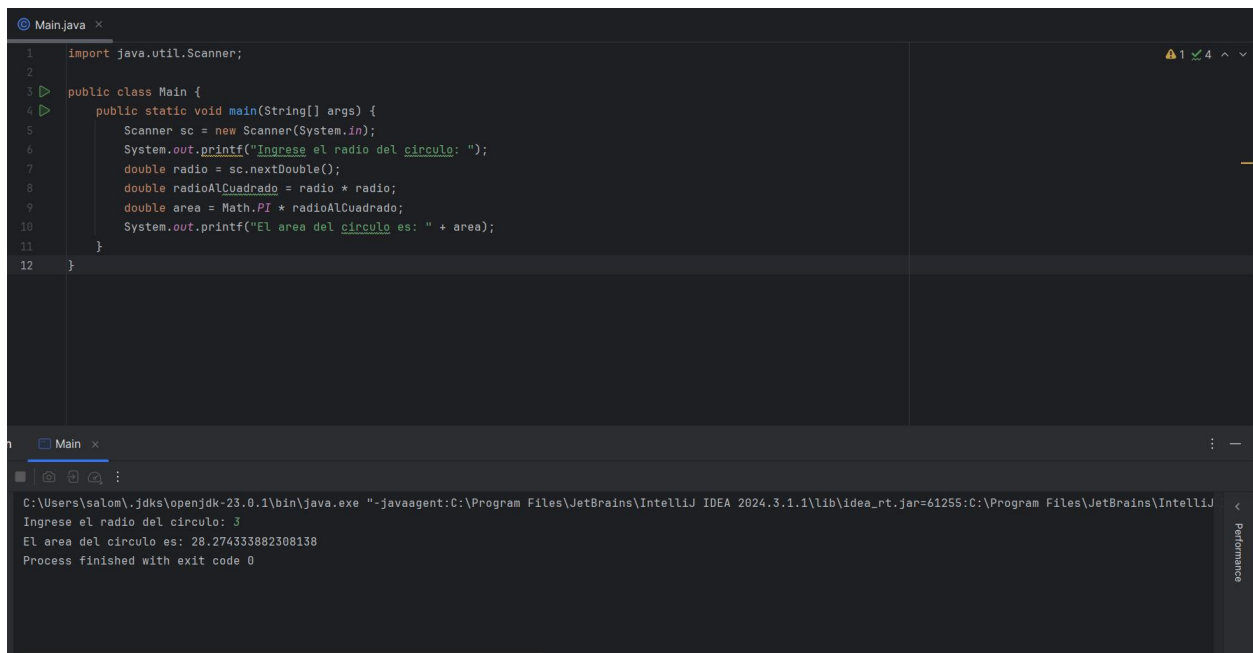
```
C:\Users\salom\.jdk\openjdk-23.0.1\bin\java.exe "-javaagent:C:\Program Files\JetBrains\IntelliJ IDEA 2024.3.1.1\lib\idea_rt.jar=59169:C:\Program Files\
Ingresa su nombre: martin
Hola, yo soy martin

Process finished with exit code 0
```

Ejercicio 2:

Escribe un programa en java para calcular el área de un círculo.

Estudiante: Martin Salomon



The screenshot shows the IntelliJ IDEA IDE with a Java file named Main.java. The code imports java.util.Scanner and defines a Main class with a main method. It prompts the user to enter the radius of a circle, reads the input, calculates the area using the formula $area = \pi \times radius^2$, and prints the result. The Run console shows the program execution with the input 3 and the output area 28.274333882308138.

```
1 import java.util.Scanner;
2
3 public class Main {
4     public static void main(String[] args) {
5         Scanner sc = new Scanner(System.in);
6         System.out.printf("Ingrese el radio del círculo: ");
7         double radio = sc.nextDouble();
8         double radioAlCuadrado = radio * radio;
9         double area = Math.PI * radioAlCuadrado;
10        System.out.printf("El area del círculo es: " + area);
11    }
12 }
```

Run Main

C:\Users\salom\jdk\openjdk-23.0.1\bin\java.exe --javaagent:C:\Program Files\JetBrains\IntelliJ IDEA 2024.3.1.1\lib\idea_rt.jar=61255:C:\Program Files\JetBrains\IntelliJ

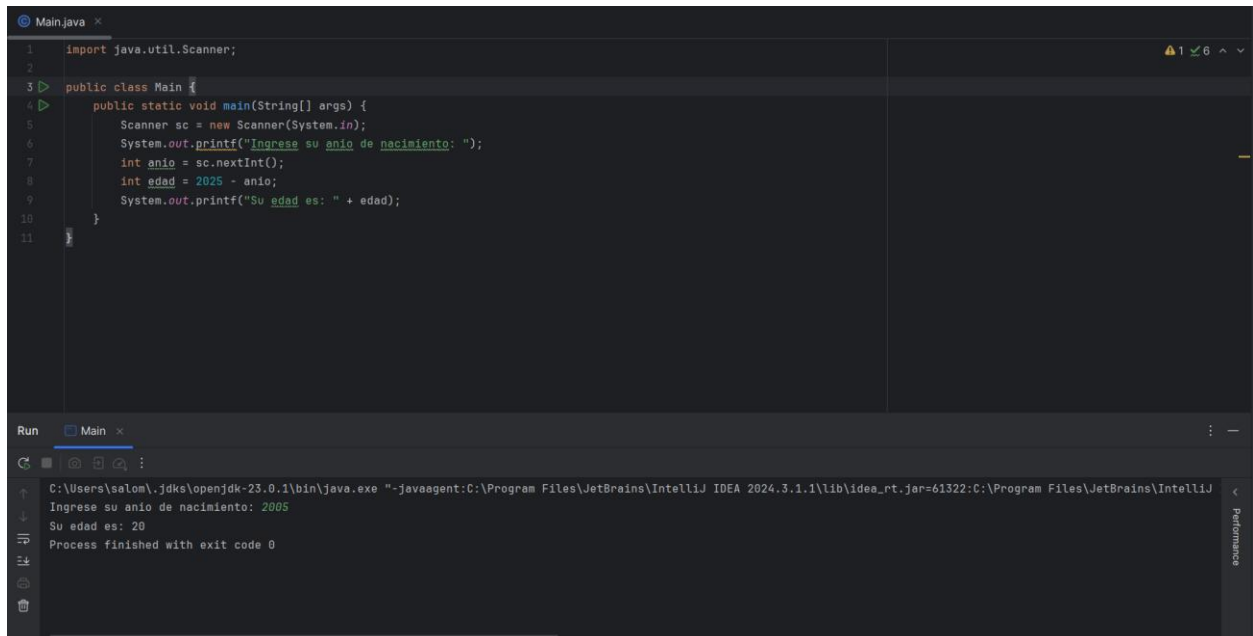
Ingrese el radio del círculo: 3

El area del círculo es: 28.274333882308138

Process finished with exit code 0

Ejercicio 3:

Escribe un programa que dado mi año de nacimiento me diga que edad tendré este año.



The screenshot shows the IntelliJ IDEA IDE with a Java file named Main.java. The code imports java.util.Scanner and defines a Main class with a main method. It prompts the user to enter their birth year, reads the input, calculates the age by subtracting the birth year from 2025, and prints the result. The Run console shows the program execution with the input 2005 and the output age 20.

```
1 import java.util.Scanner;
2
3 public class Main {
4     public static void main(String[] args) {
5         Scanner sc = new Scanner(System.in);
6         System.out.printf("Ingrese su año de nacimiento: ");
7         int año = sc.nextInt();
8         int edad = 2025 - año;
9         System.out.printf("Su edad es: " + edad);
10    }
11 }
```

Run Main

C:\Users\salom\jdk\openjdk-23.0.1\bin\java.exe --javaagent:C:\Program Files\JetBrains\IntelliJ IDEA 2024.3.1.1\lib\idea_rt.jar=61322:C:\Program Files\JetBrains\IntelliJ

Ingrese su año de nacimiento: 2005

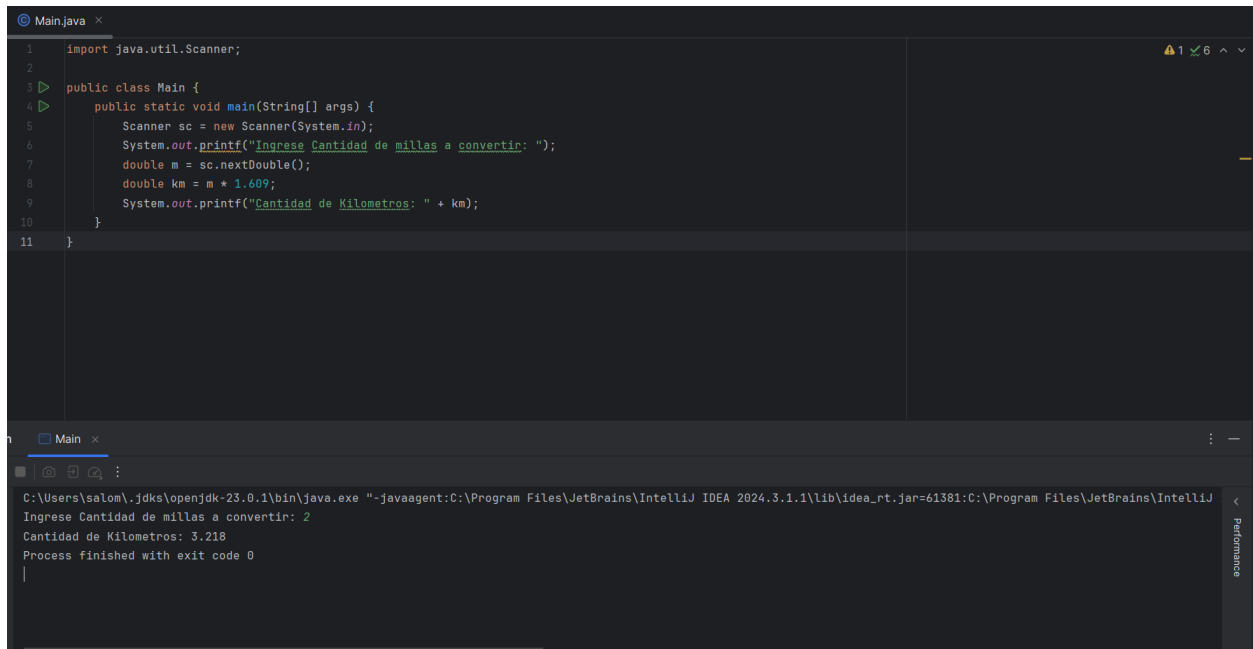
Su edad es: 20

Process finished with exit code 0

Ejercicio 4:

Escribe un programa que dada una distancia en millas me diga cuantos metros y cuantos kilómetros son.

Estudiante: Martin Salomon



The image shows a screenshot of an IDE with two panels. The top panel displays a Java file named `Main.java` with the following code:

```
1 import java.util.Scanner;
2
3 public class Main {
4     public static void main(String[] args) {
5         Scanner sc = new Scanner(System.in);
6         System.out.printf("Ingrese Cantidad de millas a convertir: ");
7         double m = sc.nextDouble();
8         double km = m * 1.609;
9         System.out.printf("Cantidad de Kilometros: " + km);
10    }
11 }
```

The bottom panel shows the execution output for the `Main` class. The command executed is `C:\Users\salom\.jdk\openjdk-23.0.1\bin\java.exe "-javaagent:C:\Program Files\JetBrains\IntelliJ IDEA 2024.3.1.1\lib\idea_rt.jar=61381:C:\Program Files\JetBrains\IntelliJ`. The output shows the program prompting for input, receiving the value `2`, and printing `Cantidad de Kilometros: 3.218`. The process finished with exit code `0`.