



**Universidad Autónoma De Tamaulipas**

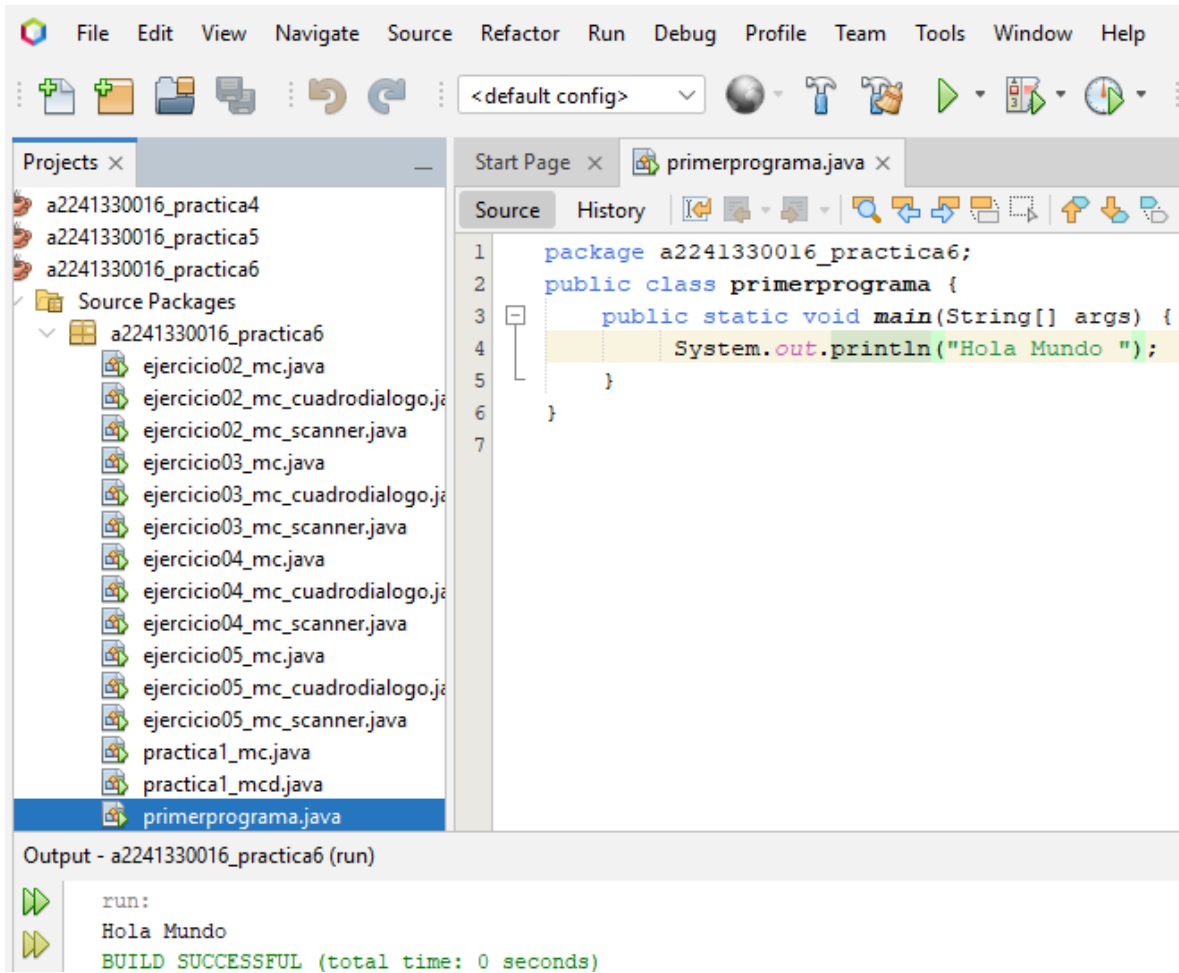
**Fundamentos de Programación**

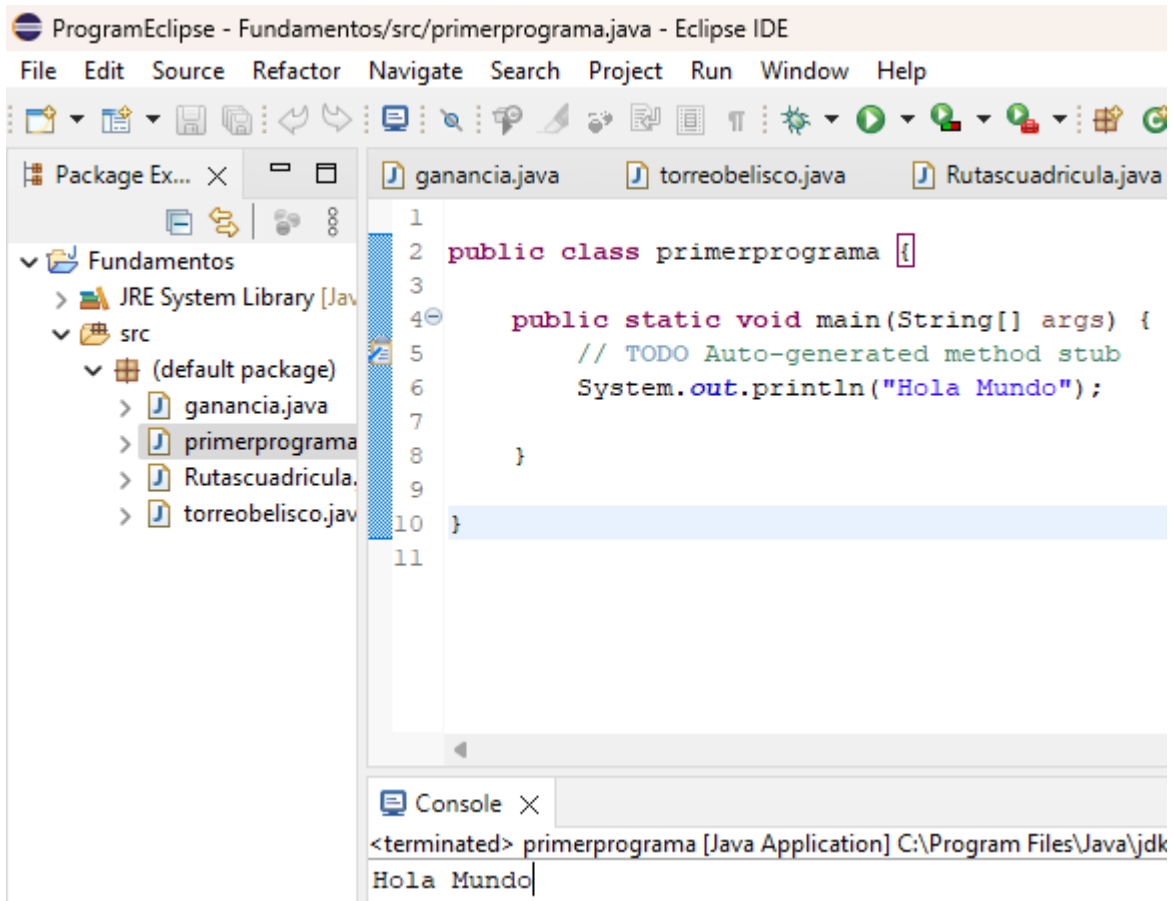
**1-N**

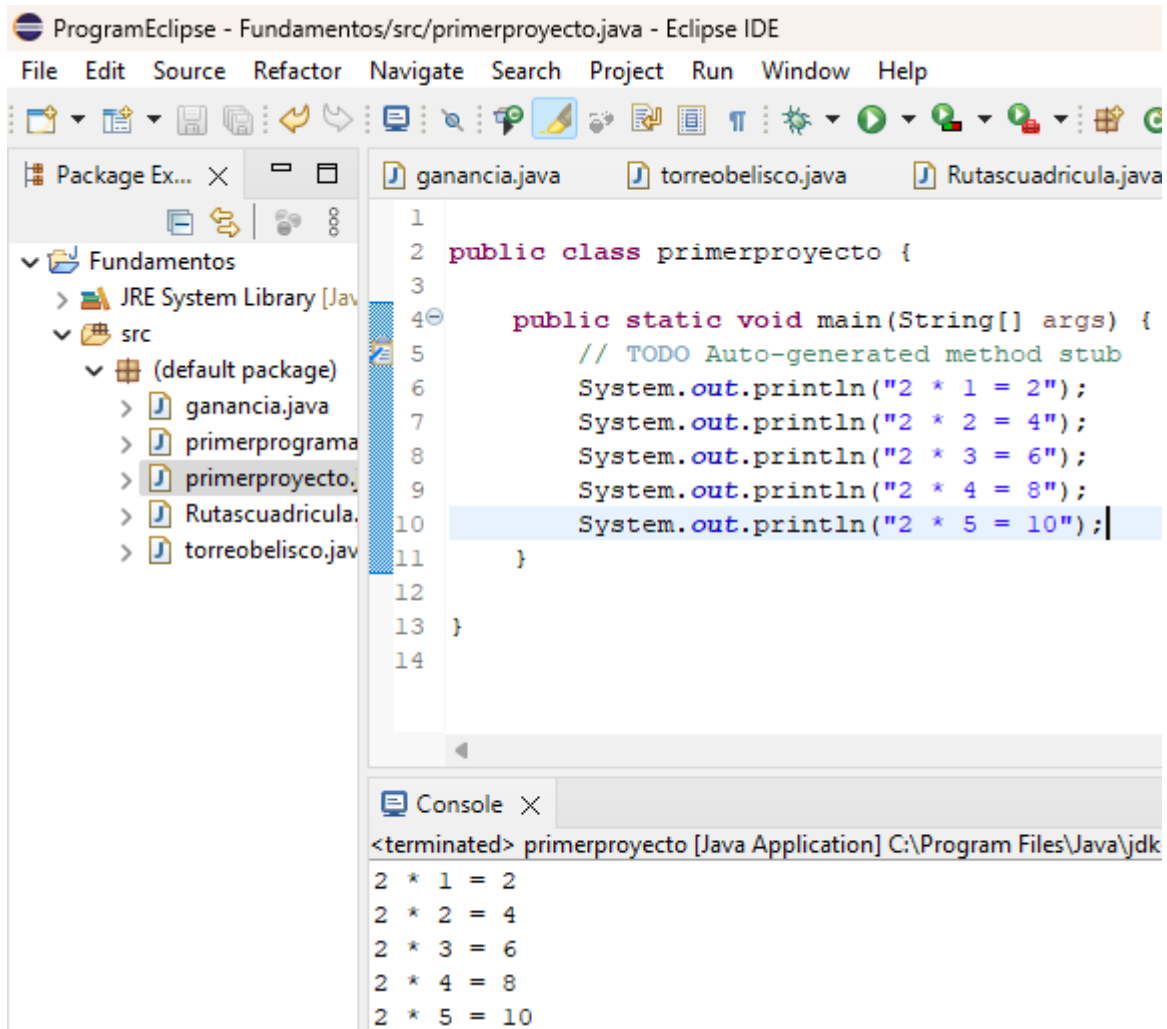
**Tarea 09**

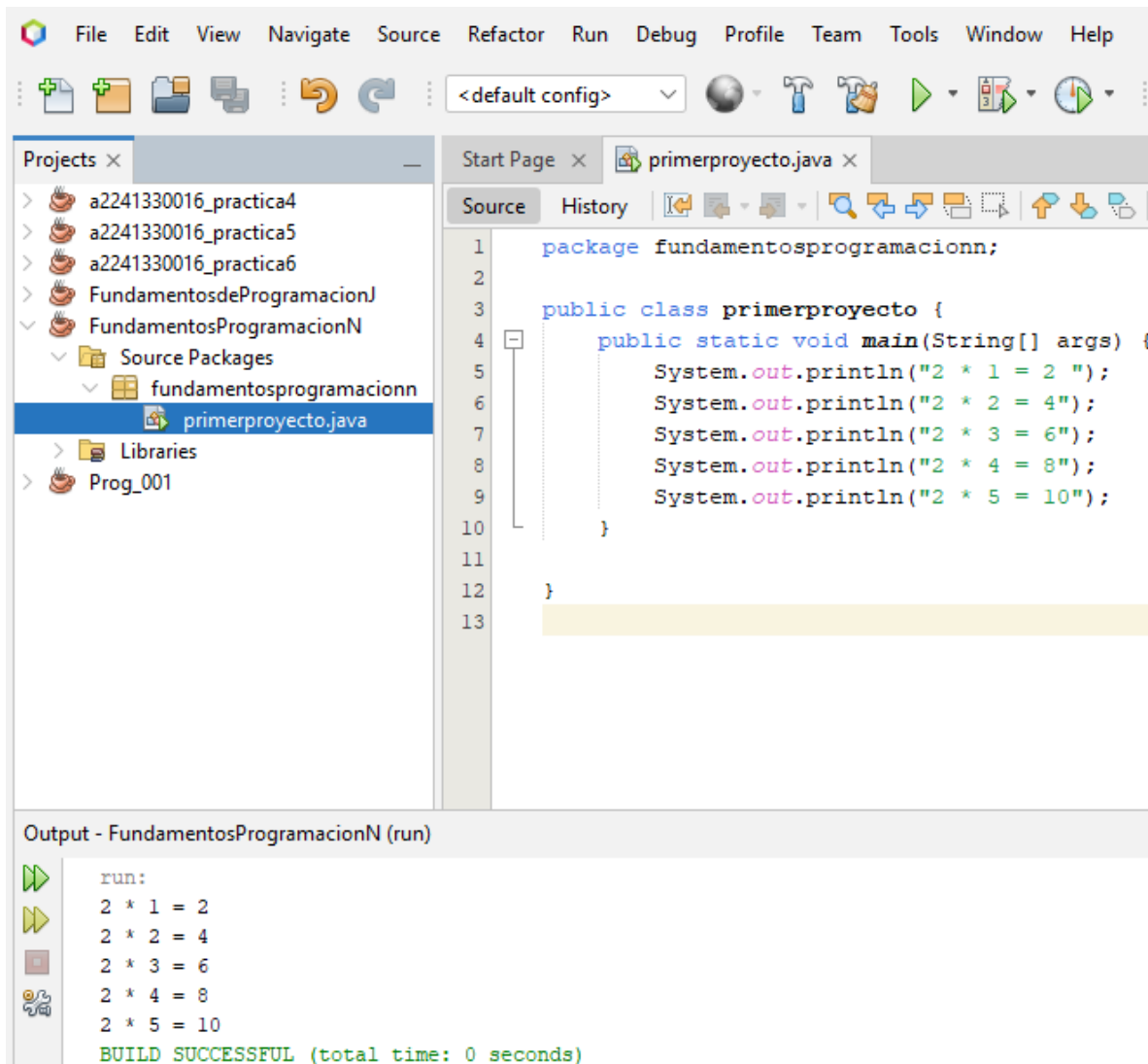
**Molina Meneses Diego**

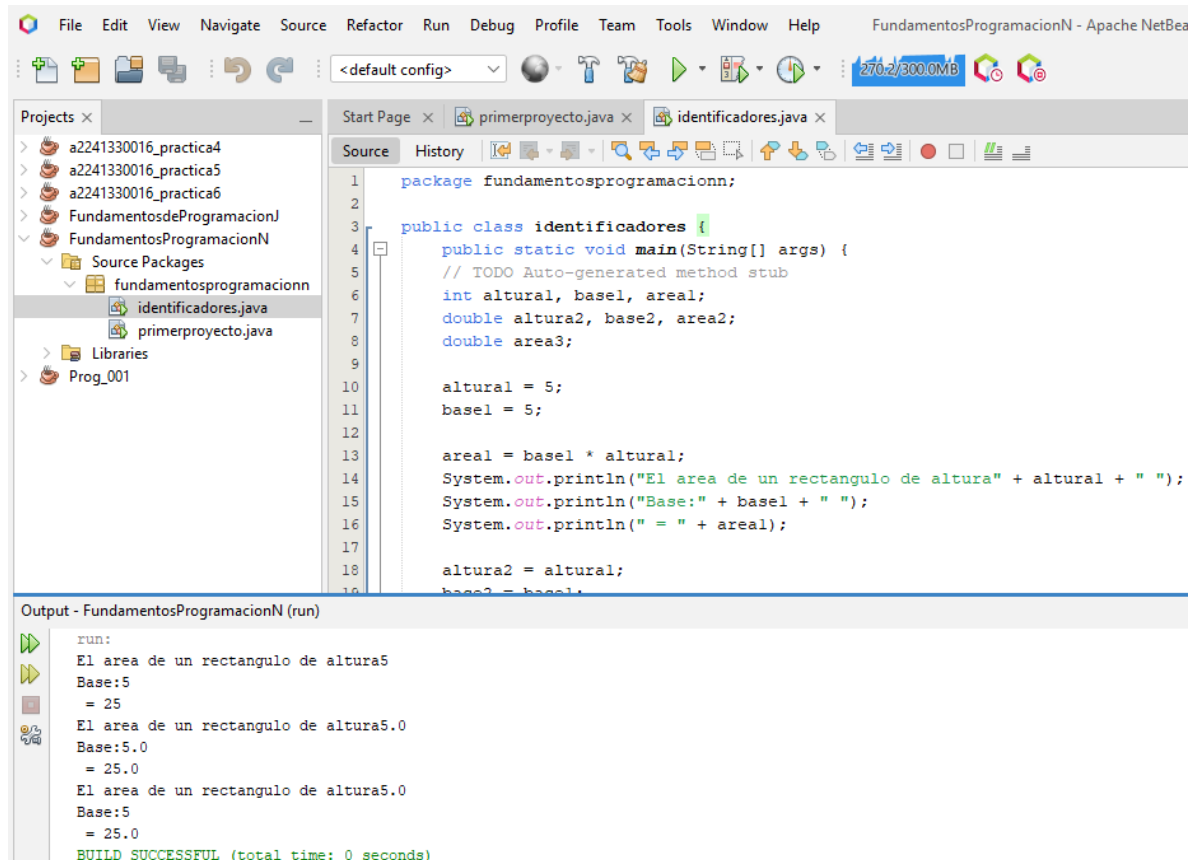
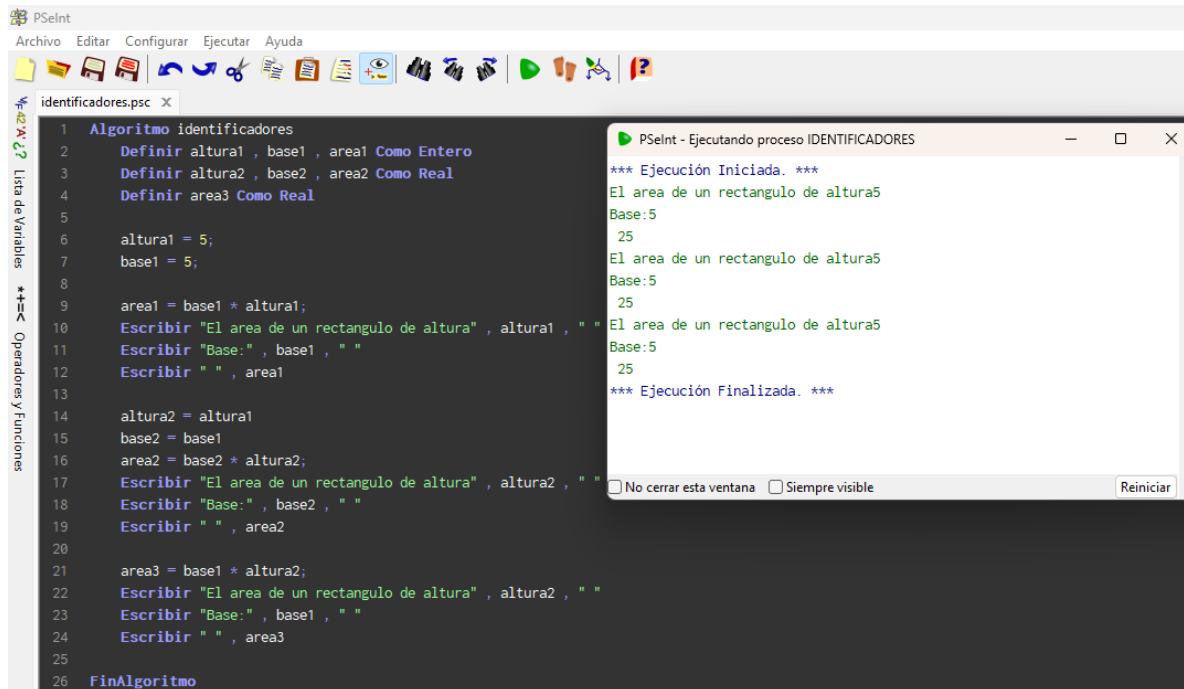
# Videos del 007 al 013

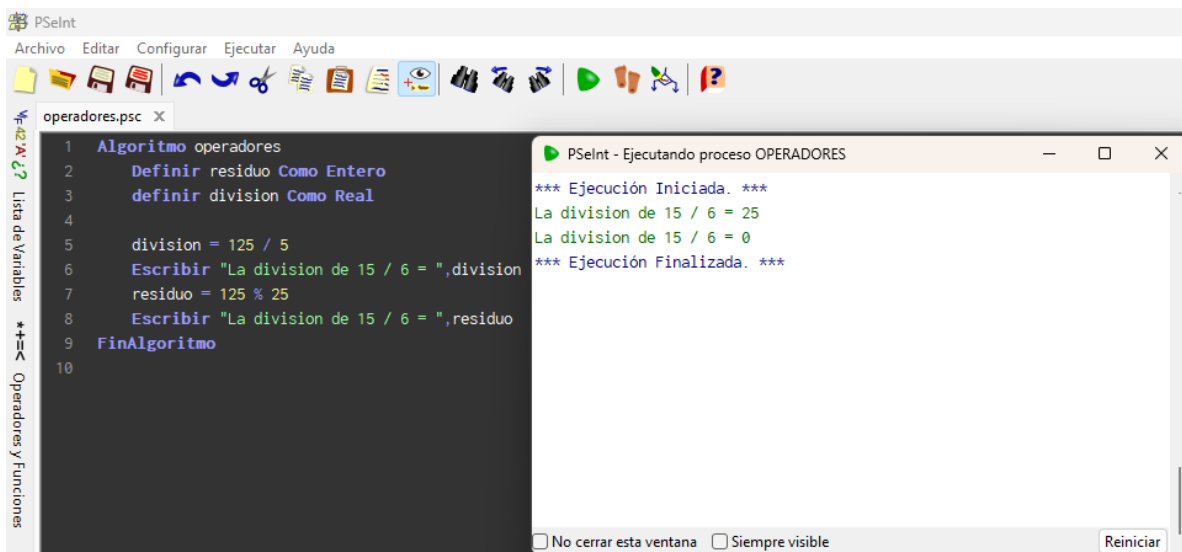
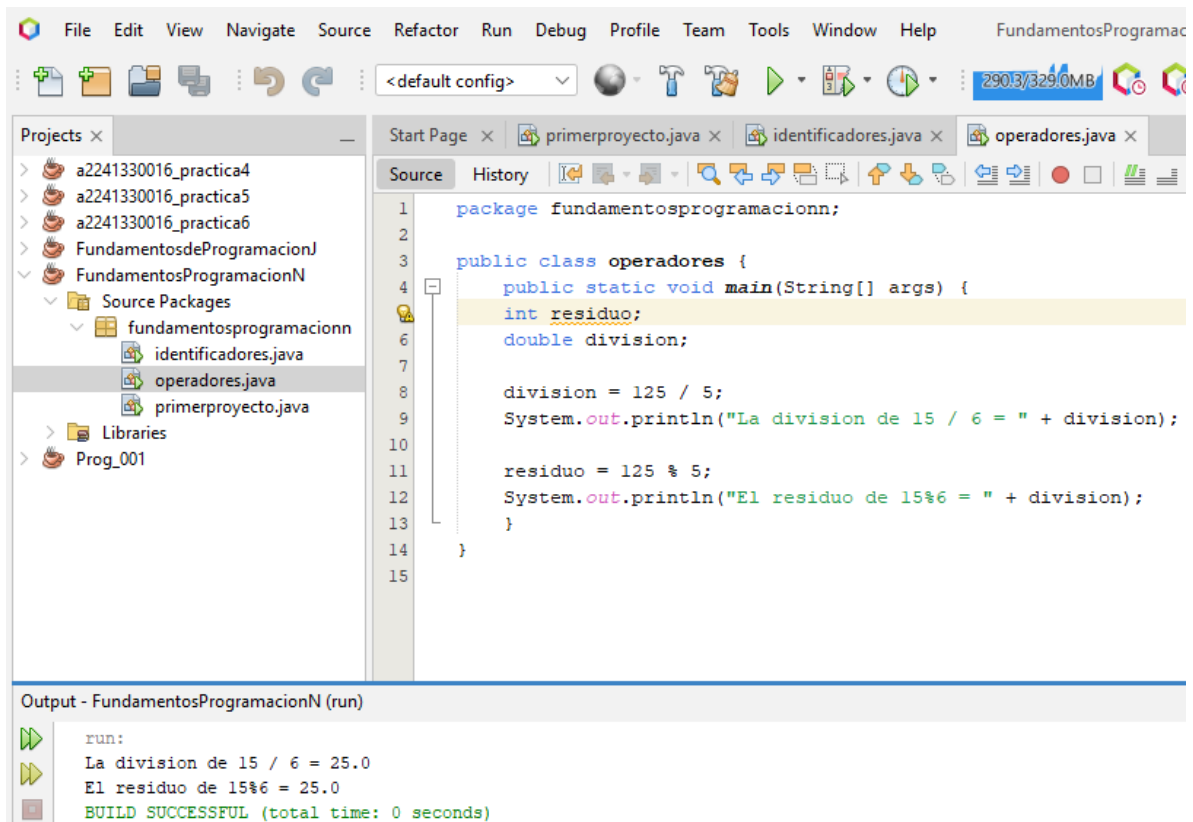


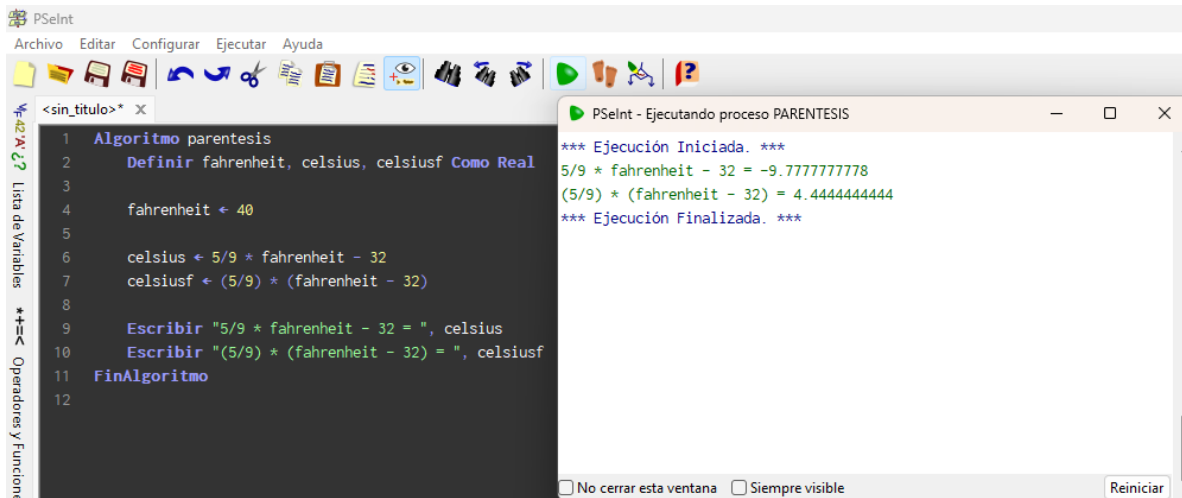
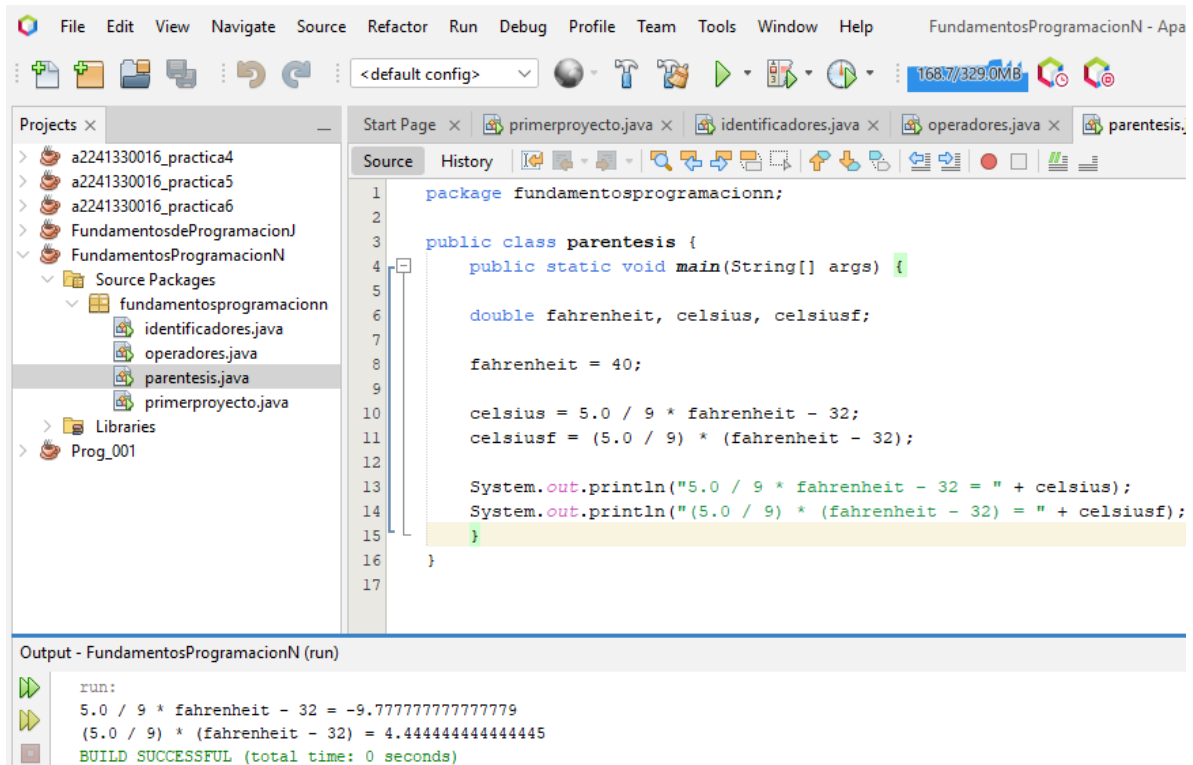




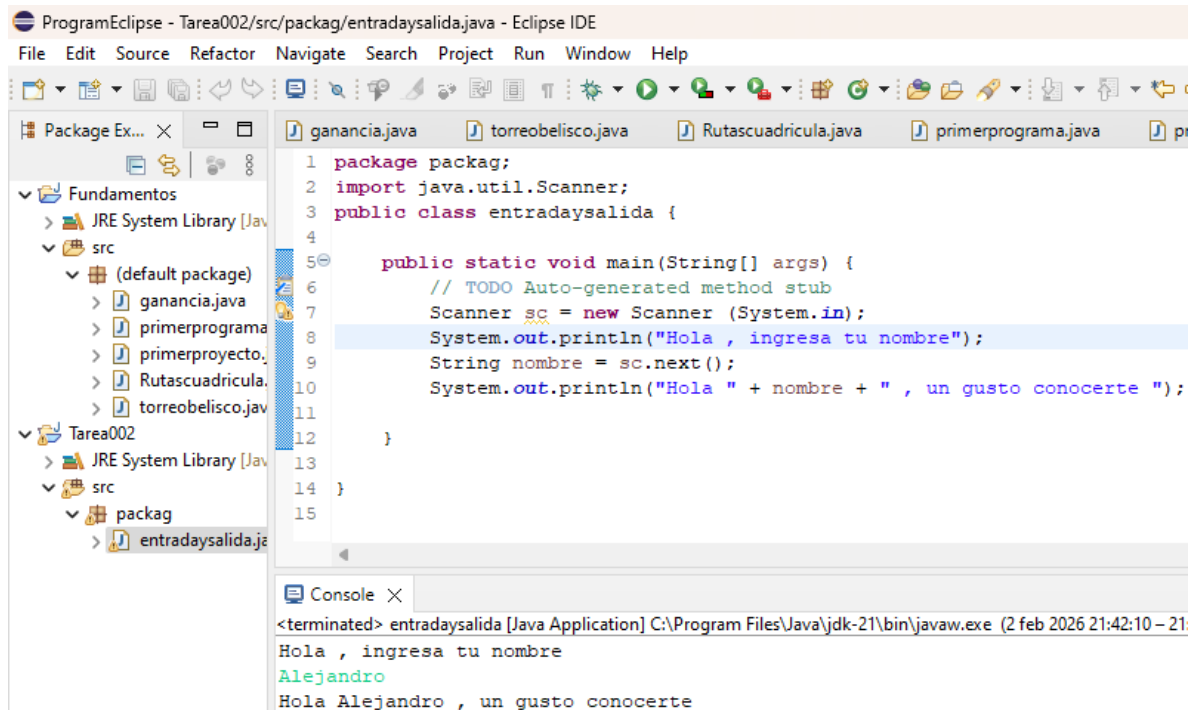
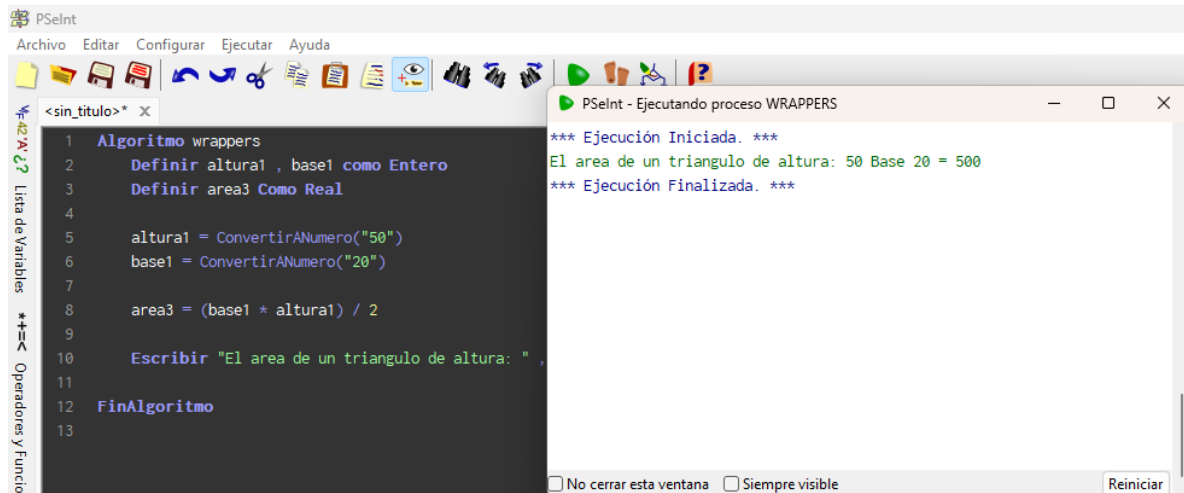












ProgramEclipse - Tarea002/src/packag/entradasalida\_2.java - Eclipse IDE

File Edit Source Refactor Navigate Search Project Run Window Help

Package Explorer

- Fundamentos
  - JRE System Library [Java Platform]
  - src
    - (default package)
      - ganancia.java
      - primerprograma
      - primerproyecto
      - Rutascuadrícula
      - torreobelisco.java
  - Tarea002
    - JRE System Library [Java Platform]
    - src
      - packag
        - entradasalida\_2
        - entradasalida\_2.java

ganancia.java torreobelisco.java Rutascuadrícula.java entra

```
1 package packag;
2
3 public class entradasalida_2 {
4
5     public static void main(String[] args) {
6         // TODO Auto-generated method stub
7         int numero = 12345;
8         System.out.println("Hola Mundo");
9         System.out.println("numero");
10        System.out.println("tu numero es: " + numero);
11    }
12
13 }
14
```

Console

<terminated> entradasalida\_2 [Java Application] C:\Program Files\Java\jdk-21\bin\javaw  
Hola Mundo  
numero  
tu numero es: 12345

ProgramEclipse - Tarea002/src/packag/Buffered.java - Eclipse IDE

File Edit Source Refactor Navigate Search Project Run Window Help

Package Explorer

- Fundamentos
  - JRE System Library [Java Platform]
  - src
    - (default package)
      - ganancia.java
      - primerprograma
      - primerproyecto
      - Rutascuadrícula
      - torreobelisco.java
  - Tarea002
    - JRE System Library [Java Platform]
    - src
      - packag
        - Buffered.java
        - entradasalida\_2
        - entradasalida\_2.java

ganancia.java torreobelisco.java Rutascuadrícula.java entradasalida.java entradasalida\_2.java

```
1 package packag;
2 import java.io.*;
3 public class Buffered {
4
5     public static void main(String[] args) throws NumberFormatException, IOException {
6         // TODO Auto-generated method stub
7         BufferedReader entrada = new BufferedReader(new InputStreamReader(System.in));
8
9         // a continuacion se declaran las variables para su uso
10        double altura, base, area;
11
12        System.out.println("Introduce la Base: ");
13        base = Double.parseDouble(entrada.readLine());
14
15        System.out.println("Introduce la Altura: ");
16        altura = Double.parseDouble(entrada.readLine());
17    }
18 }
```

Console

<terminated> Buffered [Java Application] C:\Program Files\Java\jdk-21\bin\javaw.exe (2 feb 2026 21:56:02 – 21:56:09) [pid: 7432]  
Introduce la Base:  
5  
Introduce la Altura:  
4  
El area es = 20.0

ProgramEclipse - Tarea002/src/packag/Practica06\_b\_Scanner.java - Eclipse IDE

File Edit Source Refactor Navigate Search Project Run Window Help

Package Explorer: Fundamentos, JRE System Library, src, (default package), ganancia.java, primerprograma, primerproyecto, Rutascuadrícula, torreobelisco.java, Tarea002, JRE System Library, src, packag, entradaysalida\_2, entradaysalida\_je, Practica\_06\_a\_Bu, Practica06\_b\_Sca

```
1 package packag;
2 import java.util.Scanner;
3 public class Practica06_b_Scanner {
4     public static void main(String[] args) {
5         Scanner entrada = new Scanner(System.in);
6
7         double altura, base, area;
8
9         System.out.println("Introduce la Base: ");
10        //base = Double.parseDouble(entrada.readLine());
11        base = entrada.nextDouble();
12
13        System.out.println("Introduce la Altura: ");
14        //altura = Double.parseDouble(entrada.readLine());
15        altura = entrada.nextDouble();
16    }
```

Console: <terminated> Practica06\_b\_Scanner [Java Application] C:\Program Files\Java\jdk-21\bin\j  
Introduce la Base:  
5  
Introduce la Altura:  
6  
El area es = 30.0

ProgramEclipse - Tarea002/src/packag/Practica06\_c\_joptionpane.java - Eclipse IDE

File Edit Source Refactor Navigate Search Project Run Window Help

Package Explorer: Fundamentos, JRE System Library, src, (default package), ganancia.java, primerprograma, primerproyecto, Rutascuadrícula, torreobelisco.java, Tarea002, JRE System Library, src, packag, entradaysalida\_2, entradaysalida\_je, Practica\_06\_a\_Bu, Practica06\_b\_Sca

```
1 package packag;
2 import javax.swing.*;
3 public class Practica06_c_joptionpane {
4     public static void main(String[] args) {
5
6         double altura, base, area;
7         String entrada;
8
9         entrada = JOptionPane.showInputDialog("Introduce la base: ");
10        base = Double.parseDouble(entrada);
11        System.out.println("Introduce la Base: ");
12
13        //base = Double.parseDouble(entrada);
14        //base = entrada.nextDouble();
15        //System.out.println("Introduce la Base: ");
16    }
```

Message: El area es = 30.0

ProgramEclipse - Tarea002/src/package/Practica06\_d\_Entrada.java - Eclipse IDE

File Edit Source Refactor Navigate Search Project Run Window Help

Package Explorer: Fundamentos, JRE System Library, src, (default package), ganancia.java, primerprograma, primerproyecto, Rutascuadricula, torreobelisco.java, Tarea002, JRE System Library, src, package, entradasyalida\_2, entradasyalida\_2, Practica\_06\_a\_Bu, Practica06\_b\_Sc, Practica06\_c\_jop, Practica06\_d\_En

```
1 package package;
2 import java.io.*;
3 public class Practica06_d_Entrada {
4     public static void main(String[] args) throws IOException {
5         int numero;
6         int dm, um, c, d, u;
7
8         BufferedReader entrada = new BufferedReader(new InputStreamReader(System.in));
9
10        System.out.println("Introduzca un numero entre 0 y 99.999: ");
11
12        numero = Integer.parseInt(entrada.readLine());
13
14        dm = (int) numero / 10000;
15        numero = numero % 10000;
16    }
17 }
```

Console: <terminated> Practica06\_d\_Entrada [Java Application] C:\Program Files\Java\jdk-21\bin\javaw.exe (2 feb 2026 22:13:20 - 22:13:27) [pid: 461]

Introduzca un numero entre 0 y 99.999:

2026

6 2 0 2 0

File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help a2241330016\_tarea09 - Apache NetBeans IDE 20

319.6/684.0MB

Projects: a2241330016\_practica4, a2241330016\_practica5, a2241330016\_practica6, a2241330016\_practica7, a2241330016\_tarea05, a2241330016\_tarea06, a2241330016\_tarea07, Source Packages, a2241330016\_tarea07, prob\_1\_1.java, prob\_1\_2.java, prob\_1\_3.java, prob\_1\_4.java, prob\_1\_5.java, prob\_2\_1.java, prob\_2\_2.java, prob\_2\_3.java, prob\_2\_4.java, prob\_2\_5.java, Libraries

Start Page: Practica07\_a.java

```
4 import java.io.IOException;
5 public class Practica07_a {
6     public static void main(String[] args) throws IOException {
7         BufferedReader entrada = new BufferedReader(new InputStreamReader(System.in));
8         int a, b, c; //coeficientes ax^2 + bx+c = 0
9         double x1, x2, d; //soluciones y determinante
10
11        System.out.println("Introduzca el primer coeficiente (a): ");
12        a = Integer.parseInt(entrada.readLine());
13        System.out.println("Introduzca el segundo coeficiente (b): ");
14        b = Integer.parseInt(entrada.readLine());
15        System.out.println("Introduzca el tercer coeficiente (c): ");
16        c = Integer.parseInt(entrada.readLine());
17
18        //calculando el determinante
19        d = ((b*b) - 4 * a * c);
20
21        if(d > 0) {
22            //condicion verdadera
23        }
24    }
25 }
```

Output - a2241330016\_tarea09 (run)

Introduzca el primer coeficiente (a):  
-1  
Introduzca el segundo coeficiente (b):  
-8  
Introduzca el tercer coeficiente (c):  
0  
Solucion: -8.0  
Solucion: -0.0

BUILD SUCCESSFUL (total time: 56 seconds)

