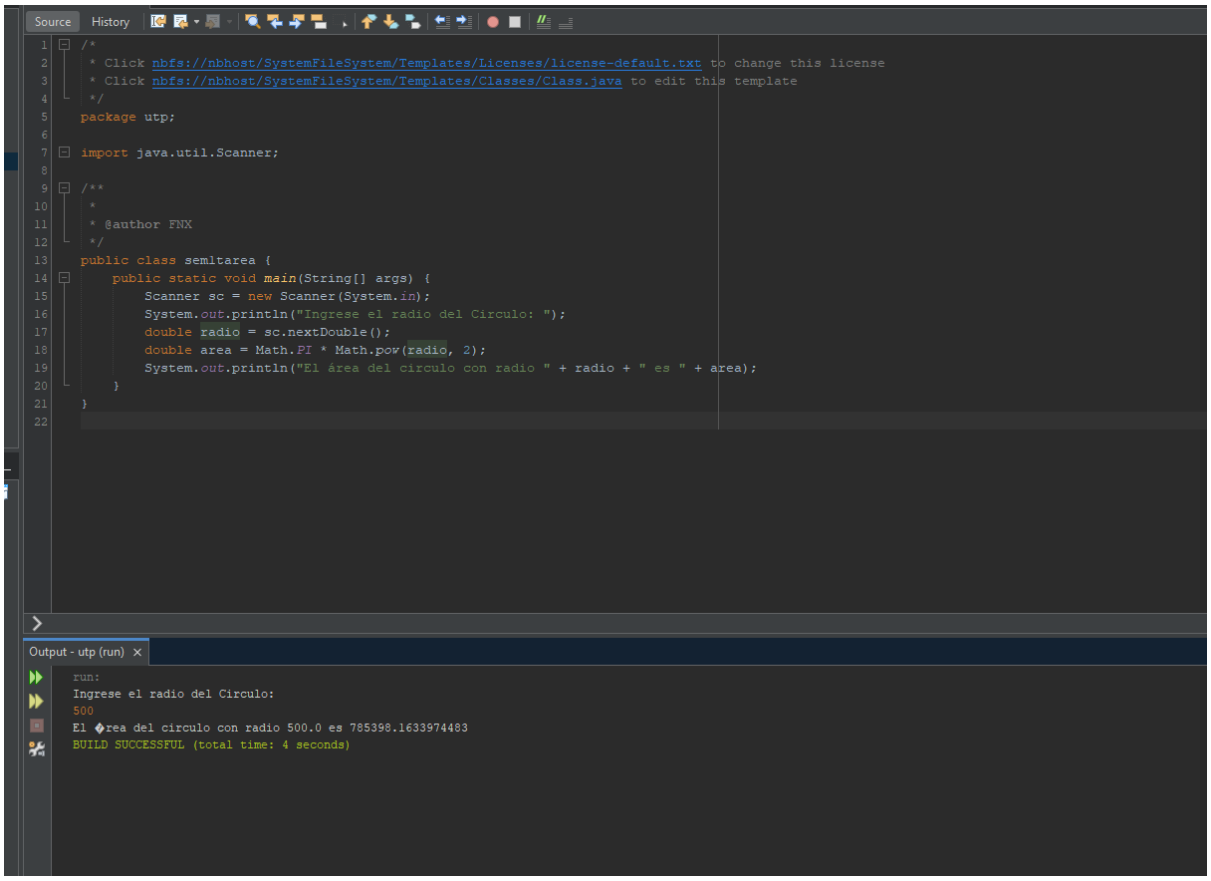
SEMANA 1 TAREA

Ejercicio 1: Calcular el área de un círculo:



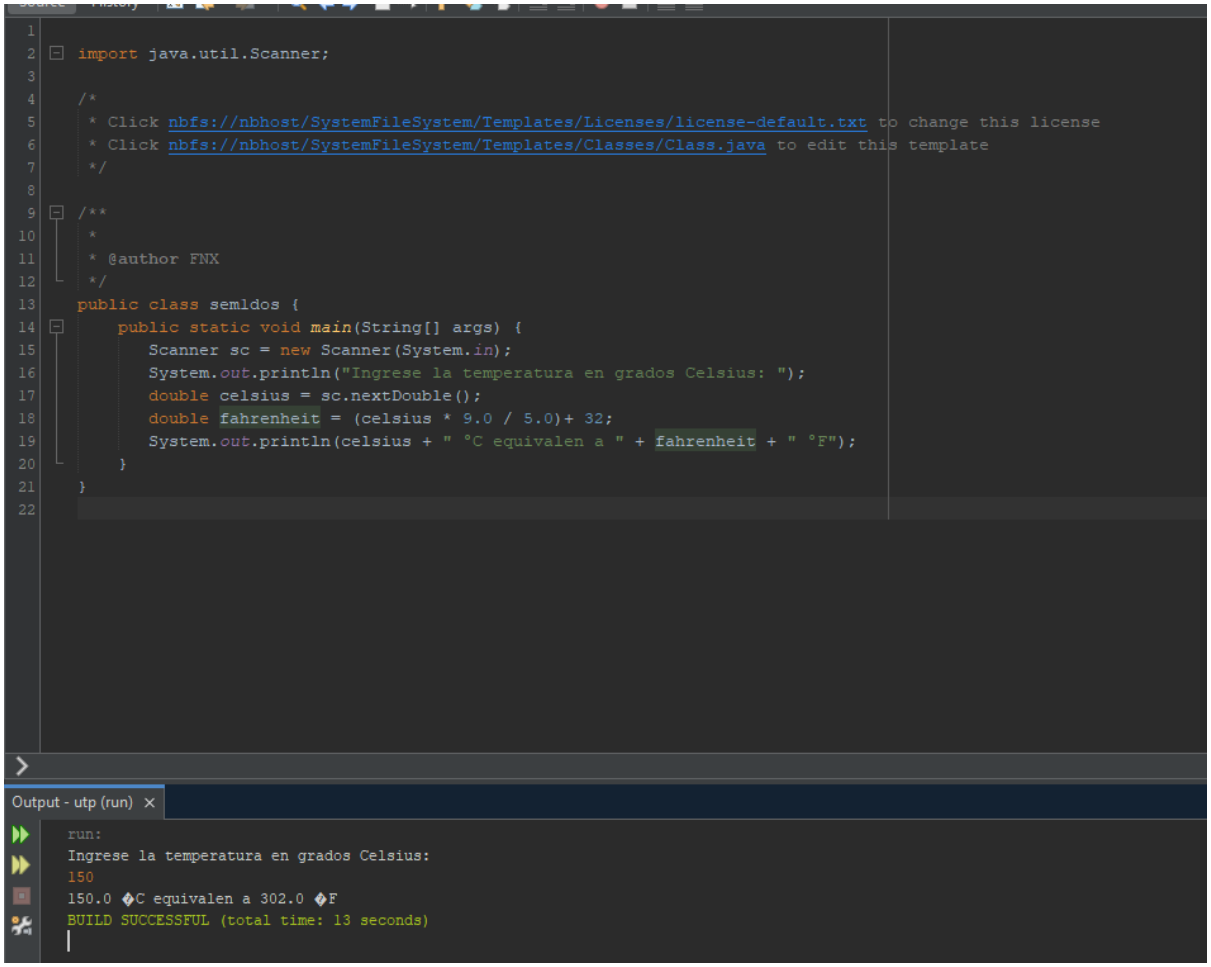
```
/*
 * Click nbfs://nbhost/SystemFileSystem/Templates/Licenses/license-default.txt to change this license
 * Click nbfs://nbhost/SystemFileSystem/Templates/Classes/Class.java to edit this template
 */
package utp;

import java.util.Scanner;

/**
 *
 * @author FNX
 */
public class semltarea {
    public static void main(String[] args) {
        Scanner sc = new Scanner(System.in);
        System.out.println("Ingrese el radio del Circulo: ");
        double radio = sc.nextDouble();
        double area = Math.PI * Math.pow(radio, 2);
        System.out.println("El área del circulo con radio " + radio + " es " + area);
    }
}
```

```
Output - utp (run)
run:
Ingrese el radio del Circulo:
500
El rea del circulo con radio 500.0 es 785398.1633974483
BUILD SUCCESSFUL (total time: 4 seconds)
```

Ejercicio 2: Convertir grados Celsius a Fahrenheit:



```java
import java.util.Scanner;

/*
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 */

/**
 *
 * @author FNX
 */
public class semldos {
    public static void main(String[] args) {
        Scanner sc = new Scanner(System.in);
        System.out.println("Ingrese la temperatura en grados Celsius: ");
        double celsius = sc.nextDouble();
        double fahrenheit = (celsius * 9.0 / 5.0)+ 32;
        System.out.println(celsius + " °C equivalen a " + fahrenheit + " °F");
    }
}
```
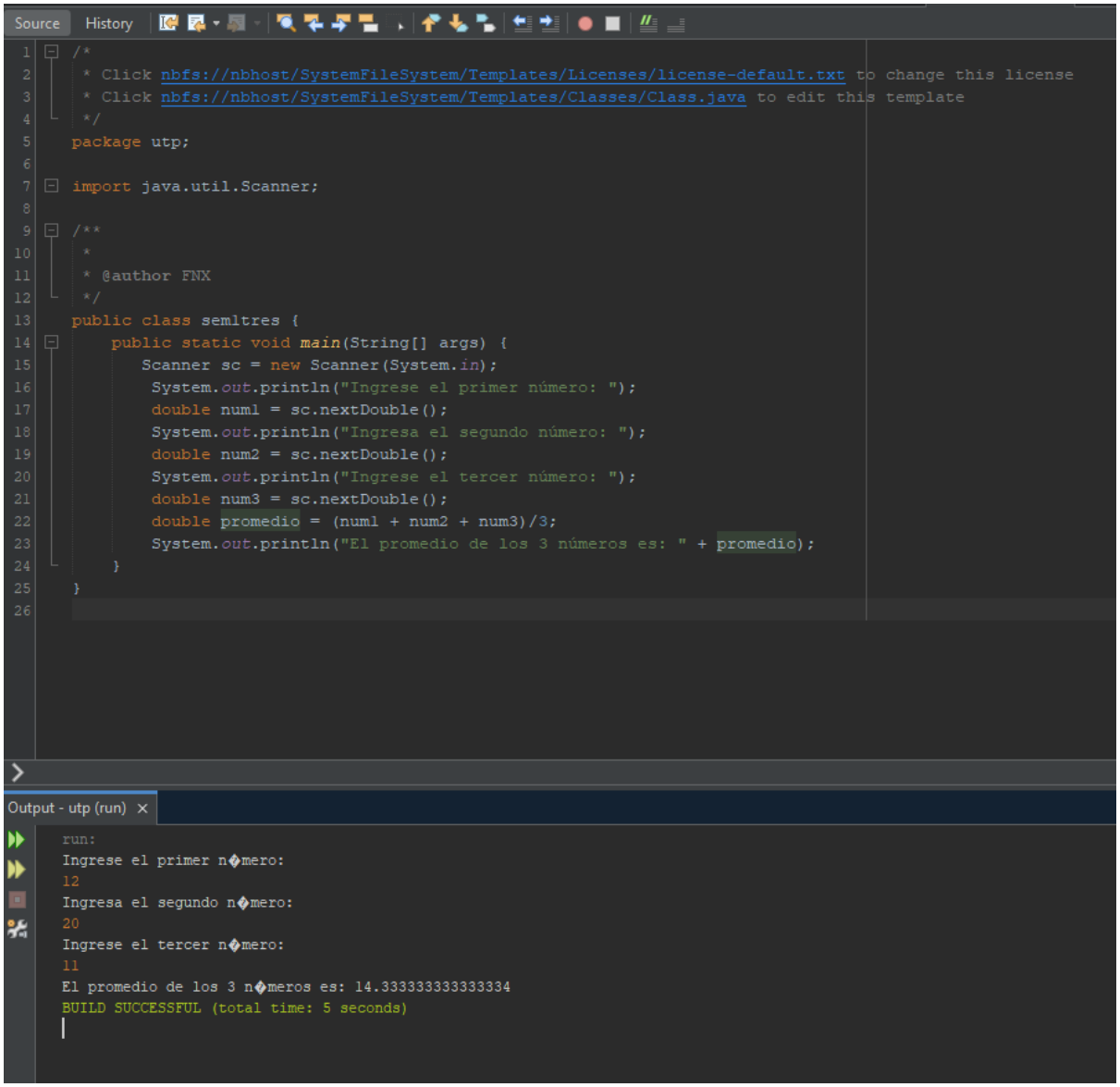

Output - utp (run)

```
run:
Ingrese la temperatura en grados Celsius:
150
150.0 °C equivalen a 302.0 °F
BUILD SUCCESSFUL (total time: 13 seconds)
```

Ejercicio 3: Calcular el promedio de 3 números:



```
Source  History

/*
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 * Click nbfs://nbhost/SystemFileSystem/Templates/Classes/Class.java to edit this template
 */
package utp;

import java.util.Scanner;

/**
 *
 * @author FNX
 */
public class semltres {
    public static void main(String[] args) {
        Scanner sc = new Scanner(System.in);
         System.out.println("Ingrese el primer número: ");
         double num1 = sc.nextDouble();
         System.out.println("Ingresa el segundo número: ");
         double num2 = sc.nextDouble();
         System.out.println("Ingrese el tercer número: ");
         double num3 = sc.nextDouble();
         double promedio = (num1 + num2 + num3)/3;
         System.out.println("El promedio de los 3 números es: " + promedio);
    }
}
```

```
Output - utp (run)
run:
Ingrese el primer n◆mero:
12
Ingresa el segundo n◆mero:
20
Ingrese el tercer n◆mero:
11
El promedio de los 3 n◆meros es: 14.333333333333334
BUILD SUCCESSFUL (total time: 5 seconds)
```