



“HILOS”

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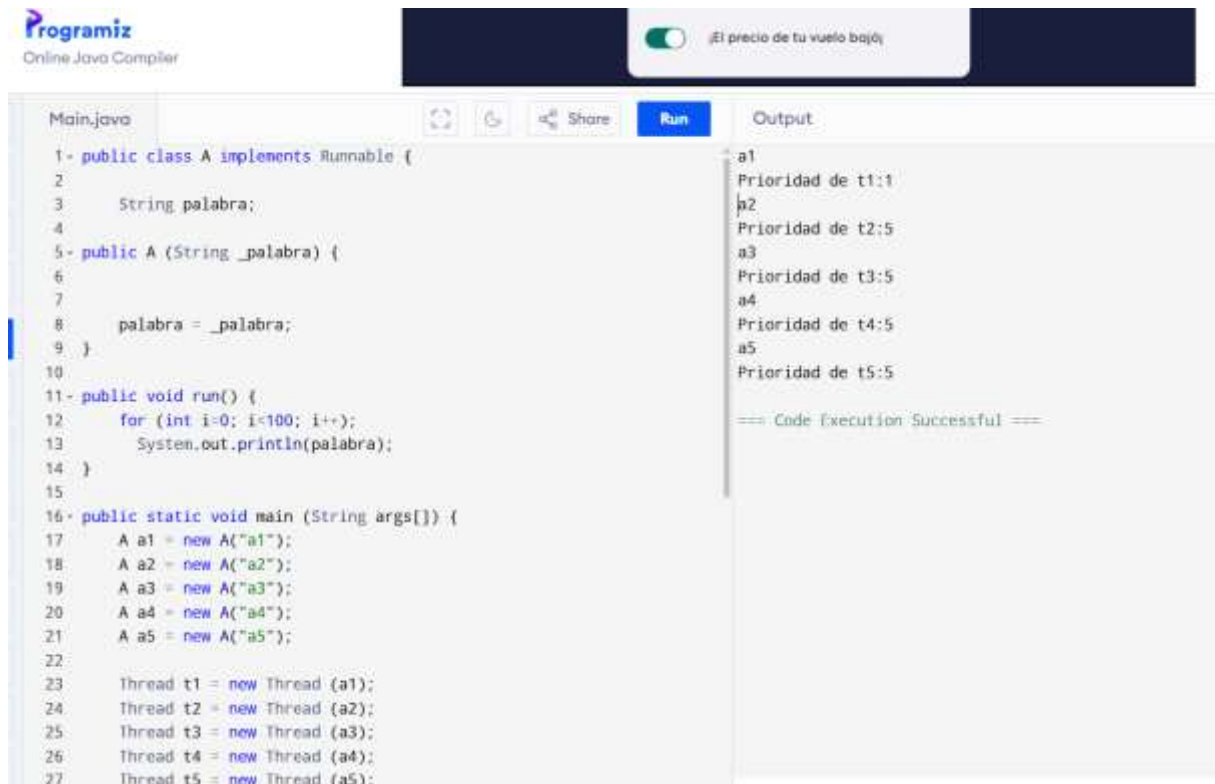
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IMAGEN 1:



The screenshot shows the Programiz Online Java Compiler interface. At the top, there is a dark blue header with the Programiz logo and a toggle switch for "¡El precio de tu vuelo bajó!". Below the header, the editor displays a Java file named "Main.java". The code defines a class "A" that implements the "Runnable" interface. The class has a "String palabra;" attribute and a "run()" method that prints the word "a1" through "a5" in a loop. The "main" method creates five instances of class "A" (a1 through a5) and starts five threads (t1 through t5) using these instances. The output window on the right shows the execution results: "a1", "Prioridad de t1:1", "a2", "Prioridad de t2:5", "a3", "Prioridad de t3:5", "a4", "Prioridad de t4:5", "a5", "Prioridad de t5:5", and a success message "=== Code Execution Successful ===".


```
1- public class A implements Runnable {
2
3     String palabra;
4
5- public A (String _palabra) {
6
7
8     palabra = _palabra;
9 }
10
11- public void run() {
12     for (int i=0; i<100; i++);
13         System.out.println(palabra);
14 }
15
16- public static void main (String args[]) {
17     A a1 = new A("a1");
18     A a2 = new A("a2");
19     A a3 = new A("a3");
20     A a4 = new A("a4");
21     A a5 = new A("a5");
22
23     Thread t1 = new Thread (a1);
24     Thread t2 = new Thread (a2);
25     Thread t3 = new Thread (a3);
26     Thread t4 = new Thread (a4);
27     Thread t5 = new Thread (a5);
```

Output

```
a1
Prioridad de t1:1
a2
Prioridad de t2:5
a3
Prioridad de t3:5
a4
Prioridad de t4:5
a5
Prioridad de t5:5

=== Code Execution Successful ===
```

IMAGEN 2:



The screenshot shows the Programiz Online Java Compiler interface. At the top, there is a dark blue header with the Programiz logo, the Expedia logo, and the text "Vives para descubrir rutas secretas a sitios únicos". Below the header, the editor displays a Java file named "Main.java". The code defines a class "A" that implements the "Runnable" interface. The class has a "String palabra;" attribute and a "run()" method that prints the word "a1" through "a5" in a loop. The "main" method creates five instances of class "A" (a1 through a5) and starts five threads (t1 through t5) using these instances. The output window on the right shows the execution results: "a1", "Prioridad de t1:1", "a2", "Prioridad de t2:5", "a3", "Prioridad de t3:5", "a4", "Prioridad de t4:5", "a5", "Prioridad de t5:5", and a success message "=== Code Execution Successful ===".

```
19     A a3 = new A("a3");
20     A a4 = new A("a4");
21     A a5 = new A("a5");
22
23     Thread t1 = new Thread (a1);
24     Thread t2 = new Thread (a2);
25     Thread t3 = new Thread (a3);
26     Thread t4 = new Thread (a4);
27     Thread t5 = new Thread (a5);
28
29     t1.start();
30     t1.setPriority(1);
31
32
33     System.out.println("Prioridad de t1:" + t1.getPriority());
34     t2.start();
35     System.out.println("Prioridad de t2:" + t2.getPriority());
36     t3.start();
37     System.out.println("Prioridad de t3:" + t3.getPriority());
38     t4.start();
39     System.out.println("Prioridad de t4:" + t4.getPriority());
40     t5.start();
41     System.out.println("Prioridad de t5:" + t5.getPriority());
42 }
```

Output

```
a1
Prioridad de t1:1
a2
Prioridad de t2:5
a3
Prioridad de t3:5
a4
Prioridad de t4:5
a5
Prioridad de t5:5

=== Code Execution Successful ===
```