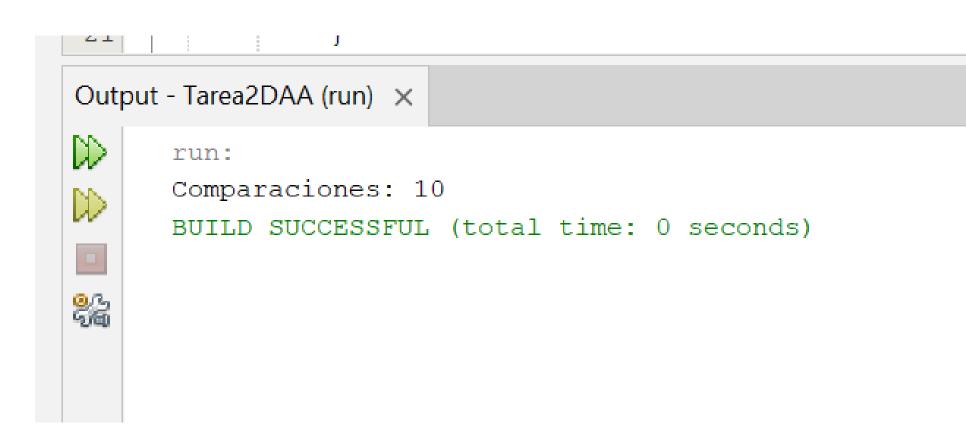
```
Source
     package tarea2daa;
 1
  import java.util.List;
 5
     public class Tarea2DAA {
 6
         public static void main(String[] args) {
 8
             List<Integer> n = List.of(0,1,2,3,4,5,6,7,8,9);
 9
             System.out.println("Comparaciones: " + buscar(n, 9));
11
12
13
         private static int buscar(List a, int b) {
             boolean encontrado = false;
14
             int count = 0;
15
16
             while(encontrado == false && count < a.size()){</pre>
17
                if(b == (int)a.get(count)){
                    encontrado = true;
18
19
                count++;
20
21
             return count;
22
23
24
25
```



```
List<Integer> n = List.of(0,1,2,3,4,5,6,7,8,9); T(n)=n
        boolean encontrado = false; T(n)=1
        int count = 0; T(n)=1
        while(encontrado == false && count < a.size()){ T(n)=n</pre>
            if(b == (int)a.get(count)){
                encontrado = true; T(n)=1
            count++; T(n)=1
        return count;
T(n) = n+1+1++n+1+1 = 2n+4
List<Integer> n = List.of(0,1,2,3,4,5,6,7,8,9); S(n)=n
        boolean encontrado = false; S(n)=1
        int count = 0; S(n)=1
        while(encontrado == false && count < a.size()){</pre>
            if(b == (int)a.get(count)){
                encontrado = true;
            count++; T(n)=1
        return count;
S(n)=n+1+1=n+2
```