

PRACTICA DE PROGRAMACION III

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Ejercicio de mostrar la suma de los unos de cada línea.

```
package practica23_10_2024;
```

```
import java.util.*;
```

```
public class Practica23_10_2024 {
```

```
    public static void main(String[] args) {
```

```
        LinkedList<Character> v = new LinkedList<Character>();
```

```
        Random r = new Random();
```

```
        for (int i = 1; i <= 100; i++) {
```

```
            int a = r.nextInt(2);
```

```
            char c=(char)(a+48);
```

```
            v.add(c);
```

```
        }
```

```
        for (int i = 0; i < 100; i++) {
```

```
            if ((i + 1) % 20 == 0) {
```

```
                System.out.println(v.get(i));
```

```
            } else {
```

```
                System.out.print(v.get(i));
```

```
            }
```

```
        }
```

```

int cont=0;
for(int j=0;j<v.size();j++)
{
    if(v.get(j)=='1')
    {
        cont=cont+1;
    }
    if((j+1) % 20 ==0)
    {
        System.out.print(cont+"="+1+" ");

        cont=0;
    }
}

}

```

Ejecución del código

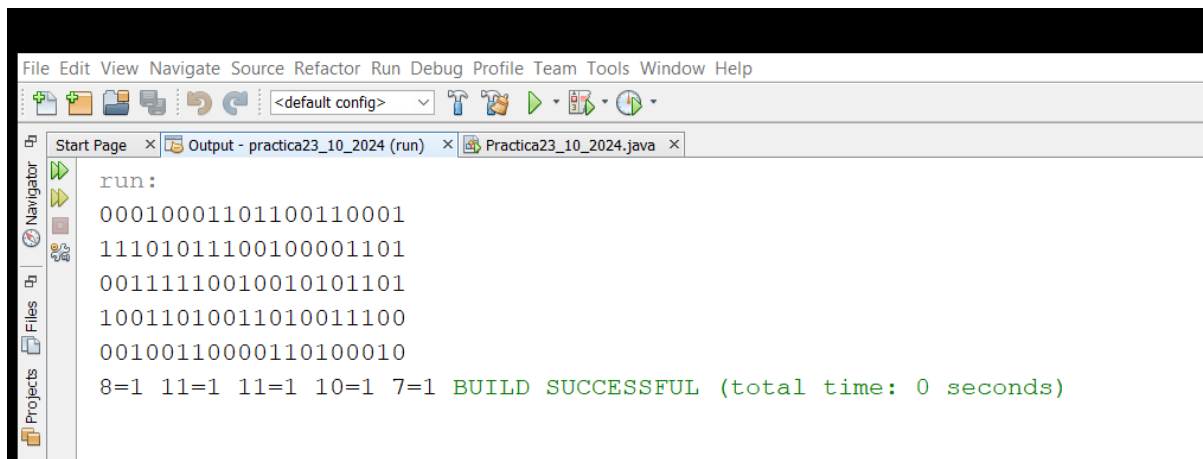
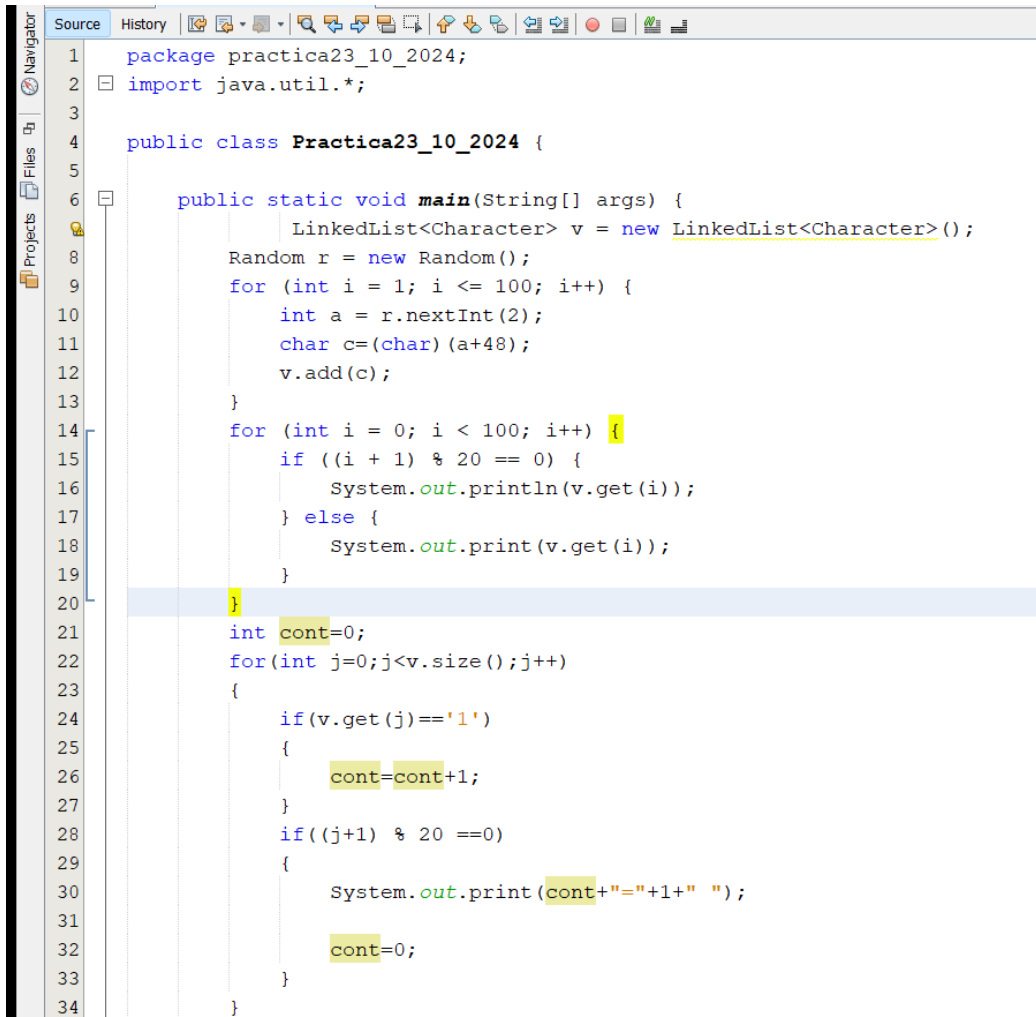


Imagen del código y ejecución



```
1 package practica23_10_2024;
2 import java.util.*;
3
4 public class Practica23_10_2024 {
5
6     public static void main(String[] args) {
7         LinkedList<Character> v = new LinkedList<Character>();
8         Random r = new Random();
9         for (int i = 1; i <= 100; i++) {
10             int a = r.nextInt(2);
11             char c=(char) (a+48);
12             v.add(c);
13         }
14         for (int i = 0; i < 100; i++) {
15             if ((i + 1) % 20 == 0) {
16                 System.out.println(v.get(i));
17             } else {
18                 System.out.print(v.get(i));
19             }
20         }
21         int cont=0;
22         for(int j=0;j<v.size();j++)
23         {
24             if(v.get(j)=='1')
25             {
26                 cont=cont+1;
27             }
28             if((j+1) % 20 ==0)
29             {
30                 System.out.print(cont+"="+1+" ");
31                 cont=0;
32             }
33         }
34     }
```