

```
1 import java.util.Scanner;
2
3 public class cifrado {
4
5     public static void main(String[] args) {
6         Scanner s = new Scanner(System.in);
7         String partel="";
8         String parte2="";
9         int pos;
10        System.out.println("Introduzca la transmisión a cifrar:");
11        String transmi = s.nextLine();
12        if (transmi.indexOf("el area 51") == -1) {
13            System.out.println("el area 51 no aparece en la transmisión");
14        } else {
15            while (transmi.indexOf("el area 51") != -1) {
16                pos = transmi.indexOf("el area 51");
17                partel = "";
18                parte2 = "";
19                partel = transmi.substring(0, pos);
20                parte2 = transmi.substring(pos+10);
21                transmi = partel + "Murcia" + parte2;
22            }
23            System.out.println(transmi);
24        }
25    }
26 }
27
```