```java
1
2  public class Riempimento {
3      public static void main(String[] args) {
4          boolean[] posti = {false, false, false, false, false, false, false, false, false,
           false};
5          int occupati = 0;
6
7          while (occupati < posti.length) {
8              int centro = 0;
9              int maxSequence = 0;
10             int actSequence = 0;
11             for (int i = 0; i < posti.length; i++) {
12                 if (!posti[i]) {
13                     actSequence++;
14                     if (actSequence > maxSequence) {
15                         maxSequence = actSequence;
16                         centro = i - actSequence / 2;
17                     }
18                 } else {
19                     actSequence = 0;
20                 }
21             }
22             posti[centro] = true;
23             occupati++;
24
25             for(int i = 0; i < posti.length; i++) {
26                 if(posti[i]) System.out.print("X");
27                 else System.out.print("_");
28             }
29
30             System.out.println();
31         }
32
33
34     }
35 }
```