```java
 1 public class Identita {
 2     public static void main(String[] args) {
 3         int[][] matrice =
 4             {
 5                 {1, 0, 0, 0, 0},
 6                 {0, 1, 0, 0, 0},
 7                 {0, 0, 1, 0, 0},
 8                 {0, 0, 0, 1, 0},
 9                 {0, 0, 0, 0, 1}
10             };
11
12         System.out.println(cercaIdentita(matrice));
13
14     }
15
16     private static boolean cercaIdentita(int[][] matrice) {
17         for (int i = 0; i < matrice.length; i++) {
18             for (int j = 0; j < matrice[0].length; j++) {
19                 if(matrice[i][i] != 1) {
20                     return false;
21                 }
22                 if(i != j && matrice[i][j] != 0) {
23                     return false;
24                 }
25             }
26         }
27
28         return true;
29     }
30 }
31
```