

**PangramChecker.java**

```
1  import java.util.Scanner;
2  public class PangramChecker {
3      public static void main(String[] args) {
4          Scanner scan=new Scanner(System.in);
5          System.out.println("enter your string");
6          String input =scan.next();
7          boolean isPangram = isPangram(input);
8
9          if (isPangram) {
10             System.out.println("The input is a pangram.");
11         } else {
12             System.out.println("The input is not a pangram.");
13         }
14     }
15
16     public static boolean isPangram(String str) {
17
18         boolean[] seen = new boolean[26];
19         str = str.toLowerCase();
20         for (int i = 0; i < str.length(); i++)
21         {
22             char c = str.charAt(i);
23
24
25             if ('a' <= c && c <= 'z') {
26                 int index = c - 'a';
27                 seen[index] = true;
28             }
29         }
30         for (boolean letterSeen : seen) {
31             if (!letterSeen) {
32                 return false;
33             }
34         }
35
36         return true;
37     }
38 }
39
```