

```

1  import java.util.Scanner;
2
3  public class isogramSentence {
4      public static void main(String[] args) {
5          Scanner Sc = new Scanner(System.in);
6          System.out.println("Enter sentence: ");
7          String sentence = Sc.nextLine();
8          Sc.close();
9          sentence += " ";
10         int length = sentence.length();
11         String word = "";
12         char h;
13         String[] str = new String[length];
14         int count = 0;
15         // Seperating words of the sentence and putting in string array
16         for (int i = 0; i < length; i++) {
17             h = sentence.charAt(i);
18             if (h != 32)
19                 word += h;
20             if (h == 32) {
21                 str[count] = word;
22                 count += 1;
23                 word = "";
24             }
25         }
26         // Checking if each word is an isogram
27         for (int x = 0; x < count; x++) {
28             int a = str[x].length();
29             int flag = 0;
30             char ch, as;
31             for (int i = 0; i < (a - 1); i++) {
32                 ch = str[x].charAt(i);
33                 for (int j = (i + 1); j < a; j++) {
34                     as = str[x].charAt(j);
35                     if (ch == as) {
36                         flag += 1;
37                         break;
38                     }
39                 }
40                 if (flag > 0) {
41                     System.out.println(str[x] + " is not an isogram");
42                     break;
43                 }
44             }
45             if (flag == 0)
46                 System.out.println(str[x] + " is an isogram");
47         }
48     }
49 }
50 /**
51  * Variable Data Table
52  * Variable      Data      Table
53  * sentence      String    To store sentence
54  * length        int       To store length of sentence
55  * word          String    Used in seperating words
56  * h             char      Used in seperating words
57  * str[]         String    Used in storing words
58  * count         int       Used to store number of words
59  * a             int       Used to check if word is isogram
60  * flag          int       Used to check if word is isogram
61  * ch, as        char      Used to check if word is isogram
62  */

```