

Java → Basic syntax and simple programs → Strings → Processing strings

Processing strings → Piece of alphabet

Medium 8 minutes

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Write a program that reads a string and output "true" only when the letters of this string form a substring of the ordered English alphabet, for example, "abc", "xy", "pqrst".

Otherwise, it should print out "false".

Note: string can consist of a single character. Assume an empty string as an alphabet substring.

Report a typo

Sample Input 1:

abc

Sample Output 1:

true

Sample Input 2:

bce

Sample Output 2:

false

Write a program

Code Editor

IDE

Java

```
1 import java.util.*;
2
3 class Main {
4     public static void main(String[] args) {
5         // put your code here
6         Scanner scanner = new Scanner(System.in);
7         String inputString = scanner.nextLine();
8         System.out.println(checkChar(inputString));
9         scanner.close();
10    }
11
12    public static boolean checkChar(String inputString) {
13        int firstValue = inputString.charAt(0);
14        for (int i = 1; i < inputString.length(); i++) {
15            firstValue++;
16            int charValue = inputString.charAt(i);
17            if (firstValue != charValue) {
18                return false;
19            }
20        }
21        return true;
22    }
23 }
24
```

✓ Correct.

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