public class Main {

// Problem 2: Count the occurrences of the substring "bob"

public static int countBobOccurrences(String s) {

// Initialize the counter for the occurrences of "bob"

int bobCount = 0;

// Loop through the string and check for occurrences of "bob"

for (int i = 0; i < s.length() - 2; i++) {

// Check if the substring starting at the current position equals "bob"

if (s.substring(i, i + 3).equals("bob")) {

bobCount++; // Increment the count when "bob" is found

}

}

return bobCount; // Return the total number of occurrences

}

public static void main(String[] args) {

String s = "azcbobobegghakl";

System.out.println("Number of times bob occurs is: " + countBobOccurrences(s)); // Expected output: 2

}

}