Given a string you need to print the size of the longest possible substring that has exactly K unique characters. If there is no possible substring then print 1.

# Input Format

Take the String S as in input

Take the Integer K as in input

#### Constraints

 $1 \le |S| \le 10^5$ 

1≤K≤26 / 3





# Sample Input 0



aabacbebebe

# Sample Output 0

7

# Sample Input 1

aaaa 2

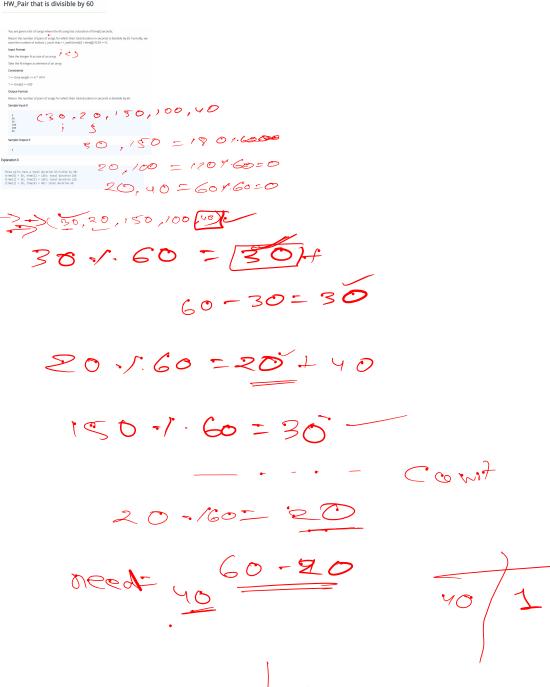
# Sample Output 1

-1

```
1 import java.io.*;
 2 import java.util.*;
                              abecece
 4 public class Solution {
 6
      public static void main(String[] args) {
 7
          Scanner sc = new Scanner(System.in);
8
          String str = sc.nextLine();
9
          int k = sc.nextInt();
10
          int max = -1;
11
12
          for (int i = 0; i < str.length(); i++) {
13
              int j = i;
14
              int count = 0;
15
              HashSet<Character> st = new HashSet<>();
16
17
              while (j < str.length()) {
18
                  char ch = str.charAt(j);
19
                  st.add(ch);
20
21
                  if (st.size() > k) {
22
                      break;
23
24
25
                  if (st.size() == k) {
26
                      count = j - i + 1;
27
                      max = Math.max(max, count);
28
29
30
                  j++;
31
32
33
34
35
          System.out.println(max);
36 }
37
```

Check if array pair are divisible by K

60/60-9





# HW\_Queue Reversal 5

Given a Queue Q containing N elements. The task is to reverse the Queue.

# Input Format

The First line integer N represent the size of Queue.

The Second line N integer represent the element of Queue.

# Constraints

 $1 \le N \le 10^5$ 

1 ≤ elements of Queue ≤ 10^5

# **Output Format**

returns the reversed queue.

# Sample Input 0



# Sample Output 0

6 5 3 2 1

# **Submitted Code**

```
Language: Java 8
1 import java.io.*;
2 import java.util.*;
4 public class Solution {
      public static void main(String[] args) {
           Scanner sc= new Scanner(System.in);
8
           int n = sc.nextInt();
9
           Queue<Integer> qe = new LinkedList<>();
10
           for(int i=0;i<n;i++)qe.add(sc.nextInt());</pre>
11
12
           Stack<Integer> st = new Stack<>();
13
           while(!qe.isEmpty()){
14
               st.add(qe.remove());
15
16
           while(!st.isEmpty()){
17
               System.out.print(st.pop()+" ");
18
19
20 }
```

