public class CP2 {

static final int NO\_OF\_CHARS = 256;

static char count[] = new char[NO\_OF\_CHARS];

static void getNonRepeatingArray(String str)

{

for (int i = 0; i < str.length(); i++)

count[str.charAt(i)]++;

}

static int firstNonRepeatedChar(String str)

{

getNonRepeatingArray(str);

int index = -1, i;

for (i = 0; i < str.length(); i++) {

if (count[str.charAt(i)] == 1) {

index = i;

break;

}

}

return index;

}

public static void main(String[] args)

{

String str = "computerprogramming";

int index = firstNonRepeatedChar(str);

System.out.println(

index == -1

? "Either all characters are repeating or string " + "is empty"

: "First non-repeating character is " + str.charAt(index));

}

}