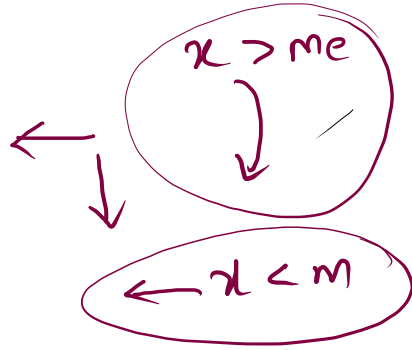
Search in sorted 2D matrix.

Input: mat[4][4] = { {10, 20, 30, 40}, x = 29
{15, 25, 35, 45},
{27, 29, 37, 48},
{32, 33, 39, 50}}



2, 1

2
1

Target String

Take Two Strings as input. First string as **"str"** and second string as a **"Target"** string.

You are allowed to **rotate** the original string "str" **multiple** times.

Print **"True"** if **"Target"** string can be achieved by rotating the **"str"** any number of times else print **"False"**.

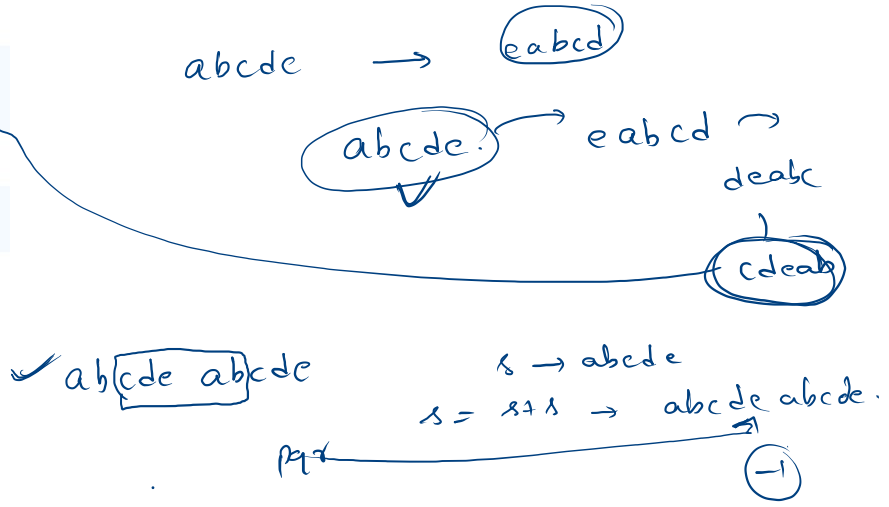
Note: String **"bcda"** is a rotation of **"abcd"** but **"bdca"** is not a rotation of String **"abcd"**.

Sample Input 0

```
abcde
cdeab
```

Sample Output 0

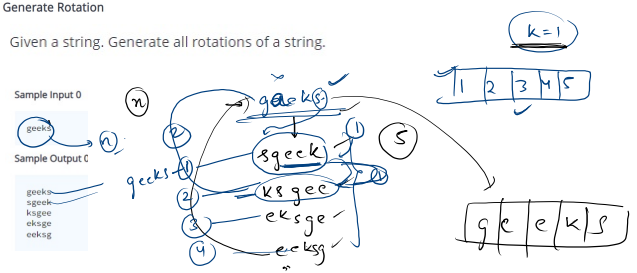
```
True
```

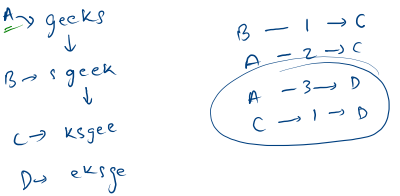


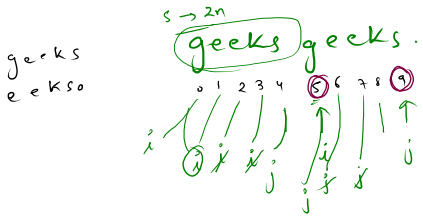

```java
import java.io.*;
import java.util.*;

public class Solution {

    public static void main(String[] args) {
        Scanner scn = new Scanner(System.in);
        String s = scn.next();
        String t = scn.next();

        s = s + s;
        if(s.indexOf(t) == -1){
            System.out.println("False");
        }
        else{
            System.out.println("True");
        }

    }
}
```

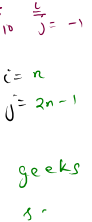
Generate Rotation

Given a string. Generate all rotations of a string.

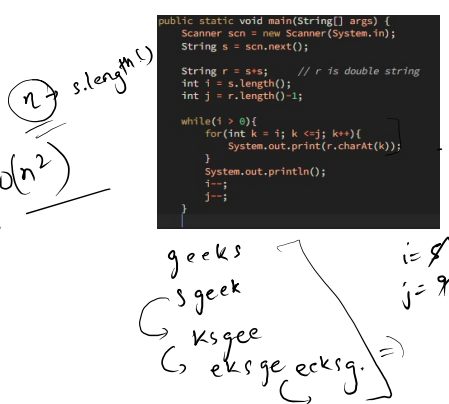









```
public static void main(String[] args) {
    Scanner scn = new Scanner(System.in);
    String s = scn.next();

    String r = s+s;     // r is double string
    int i = s.length();
    int j = r.length()-1;

    while(i > 0){
        for(int k = i; k <=j; k++){
            System.out.print(r.charAt(k));
        }
        System.out.println();
        i--;
        j--;
    }
```



Is Palindrome

Problem | Submissions | Leaderboard | Discussions

Take a **String str** as input, and check whether the string is **Palindrome** or not.

Print **"Palindrome"** if the string is Palindrome else print **"Not a Palindrome"**.

Note: A string is called a palindrome string if the reverse of that string is the same as the original string.

Sample Input 0

```
radar
```

Sample Output 0

```
Palindrome
```

```java
import java.io.*;
import java.util.*;

public class Solution {
    public static boolean isPalindrome(String s){
        int i = 0;
        int j = s.length()-1;
        while(i<j){
            if(s.charAt(i) != s.charAt(j)){
                return false;
            }
            i++;
            j--;
        }

        return true;
    }

    public static void main(String[] args) {
        Scanner scn = new Scanner(System.in);
        String s = scn.next();
        boolean ans = isPalindrome(s);
        if(ans){
            System.out.println("Palindrome");
        }
        else{
            System.out.println("Not a Palindrome");
        }

    }
}
```

Find Unique

Problem | Submissions | Leaderboard | Discussions

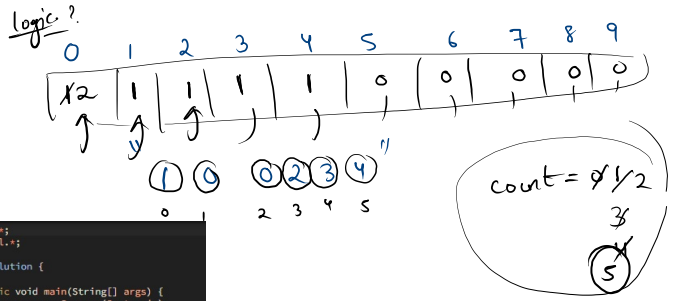
Find the total number of unique digits in a given string. Use the Array as a Hashmap strategy here.

Sample Input 0

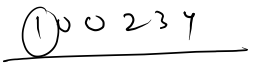
```
100234
```

Sample Output 0

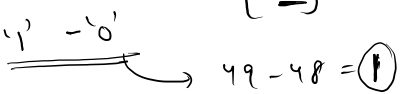
```
5
```

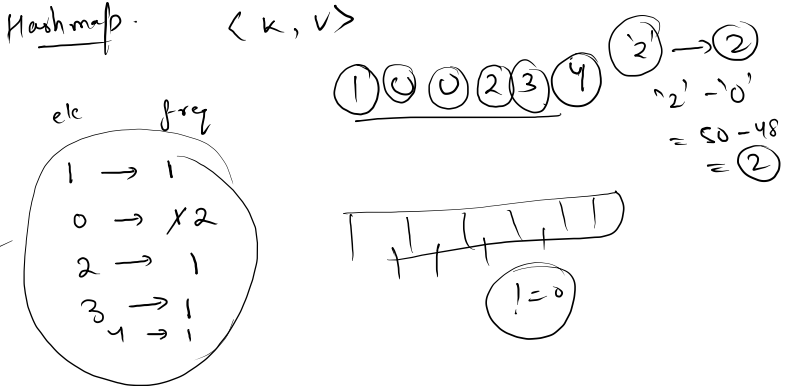



```java
import java.io.*;
import java.util.*;

public class Solution {

    public static void main(String[] args) {
        Scanner scn = new Scanner(System.in);
        String s = scn.next();

        //logic
        int [] freq = new int[10];

        for(int i = 0; i < s.length(); i++){
            char ch = s.charAt(i);
            int idx = ch-'0';
            freq[idx]++;
        }
        int count = 0;
        for(int i = 0; i < freq.length; i++){
            if(freq[i] != 0){
                count++;
            }
        }

        System.out.println(count);


    }
}
```



[1]





Locate the Target String

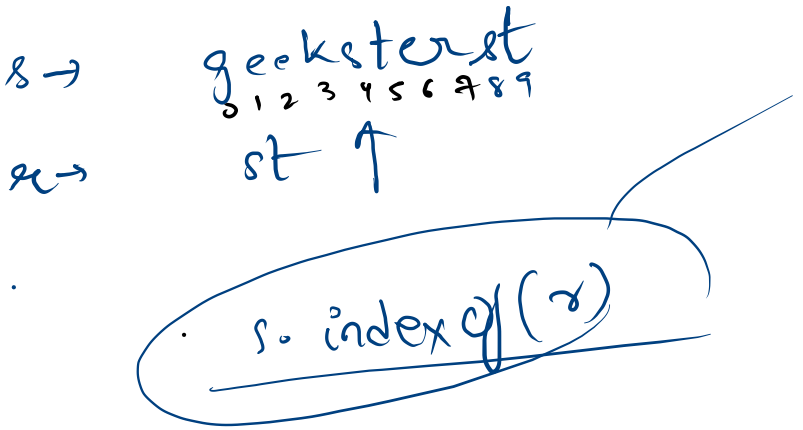
Given two strings str & target, return the index where target string occurs for the first time in String str.

Sample Input 0

```
geekster
st
```

Sample Output 0

```
4
```




```java
import java.io.*;
import java.util.*;

public class Solution {

    public static void main(String[] args) {
        Scanner scn = new Scanner(System.in);
        String s = scn.next();
        String r = scn.next();

        System.out.println(s.indexOf(r));
    }
}
```

Print All Substrings

Problem | Submissions | Leaderboard | Discussions

or a given input string(str), write a function to print all the possible substrings.

Sample Input 0

```
abc
```

Sample Output 0

```
a
ab
abc
b
bc
c
```