Please use this Google doc during your interview (your interviewer will see
what you write here). To free your hands for typing, we recommend using a
headset or speakerphone.

[ab..z]

S1 = "abcd"
S2 = "pqrs"

replace(String s, char x, char y)

replace("abab" , 'a' , 'p') = "pbpb"

----

aabb -> pqrs

abacdb -> pqrstu

caa -> ade
arr[0]=101;


```
bool transform(string s1,string s2) {

if(s1.length()!=s2.length())
return false;

int arr[26];
for(int j=0;j<26;j++)
arr[j]=0;

int i=0;
for(i=0;s1[i]!='\0';i++)
{    if(arr[<int>s1[i]-97]==0)
        {    arr[<int> s1[i]-97]=<int>s2[i];
        }
    else
        {  if(arr[<int>s1[i]-97!=<int>s2[i])
                return false;
            }
    }
int flag=-1;
for(i=0;i<26;i++)
{
    if(arr[0]==0)
```

```
    {   flag=0;
          break;
      }
}
if(flag!=0)
return false
else
return true;
}

S1 = "abc" , S2 = "bac"




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arr = [0 …. n]

subarray  arr[i to j] where i<=j
```