

<b>Course Number</b>	CSci 120
<b>Descriptive Title</b>	Object-oriented Programming
<b>Programming Language</b>	Java

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<b>Problem Number</b>	7
<b>Activity Title</b>	Delete Repeats

### Procedure Proper:

1. Write a function called `deleteRepeats` which has a string parameter, `originalString`, that deletes all repeated letters from the string and returns the unduplicated string.

```
string a = "abac";
string x = deleteRepeats(a);
```

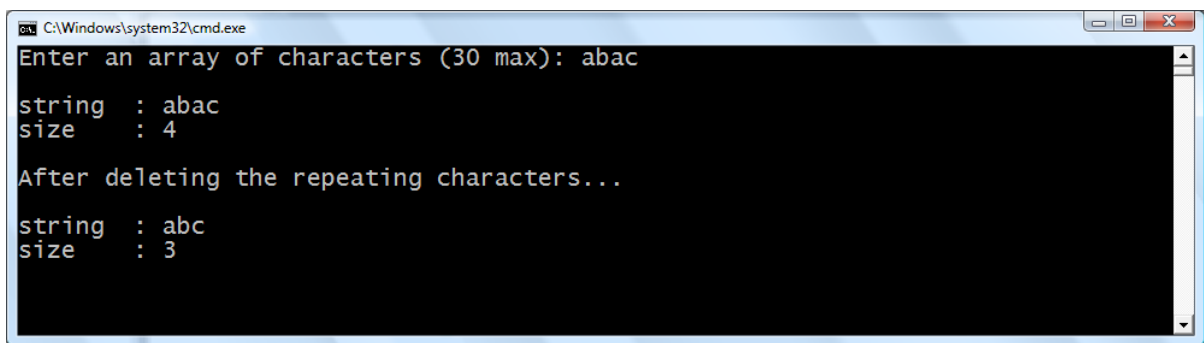
2. After this code is executed, the value of `x[0]` is 'a', the value of `x[1]` is 'b', the value of `x[2]` is 'c', and the length of `x` is 3. You may assume that the string contains only lowercase letters. Embed your function in a suitable test program.

#### Note:

- ✓ You might need to work with arrays of characters to solve this problem.
- ✓ You will also be working with pointers and references.
- ✓ You might need to create some helper functions to at least easily solve the problem.

### Runtime Requirement(s):

1. If the inputted array of characters is "abac";



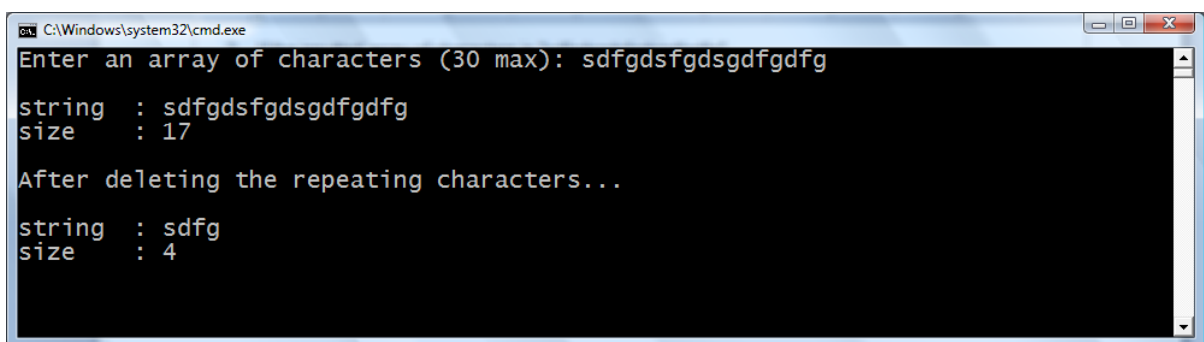
```
C:\Windows\system32\cmd.exe
Enter an array of characters (30 max): abac

string : abac
size   : 4

After deleting the repeating characters...

string : abc
size   : 3
```

2. If the inputted array of characters is "sdfgdsfgdsgdfgdfg";



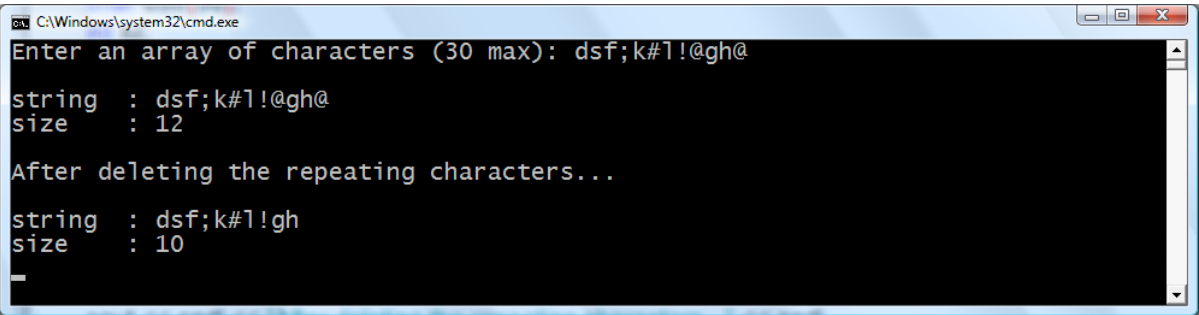
```
C:\Windows\system32\cmd.exe
Enter an array of characters (30 max): sdfgdsfgdsgdfgdfg

string : sdfgdsfgdsgdfgdfg
size   : 17

After deleting the repeating characters...

string : sdfg
size   : 4
```

3. If the inputted array of characters is "dsf;k#!@gh@";



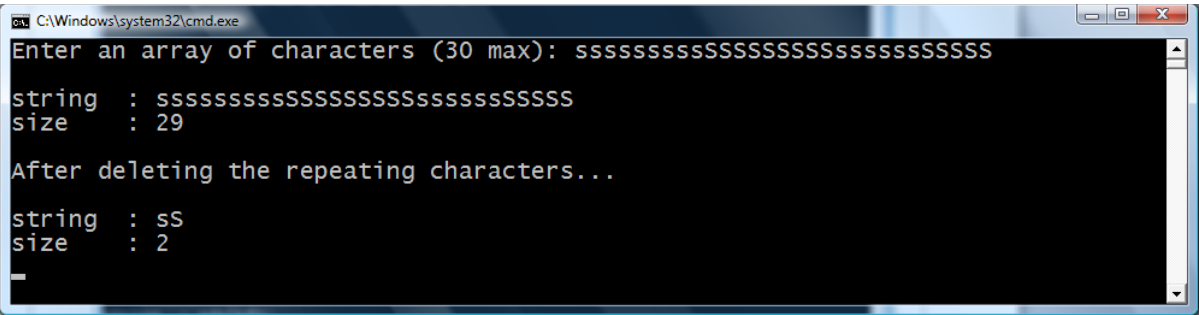
```
C:\Windows\system32\cmd.exe
Enter an array of characters (30 max): dsf;k#!@gh@

string : dsf;k#!@gh@
size   : 12

After deleting the repeating characters...

string : dsf;k#!gh@
size   : 10
```

4. If the inputted array of characters is "ssssssssSSSSSSSSssssssSSSSS";



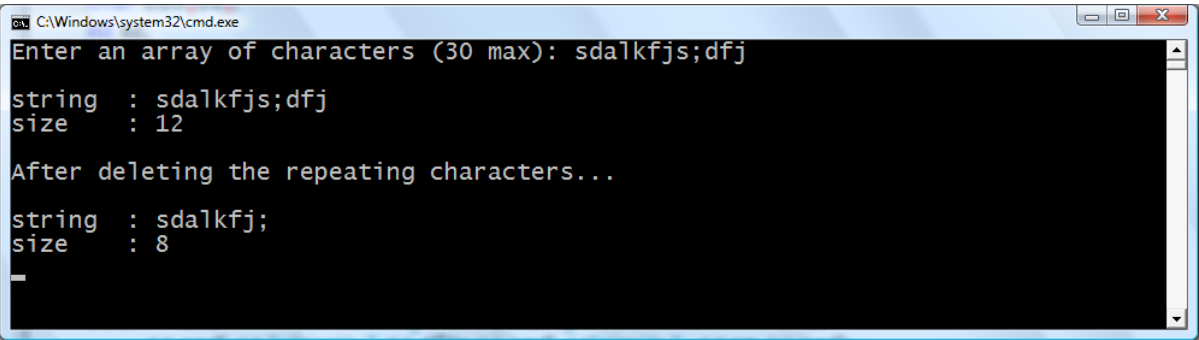
```
C:\Windows\system32\cmd.exe
Enter an array of characters (30 max): sssssssSSSSSSSSssssssSSSSS

string : sssssssSSSSSSSSssssssSSSSS
size   : 29

After deleting the repeating characters...

string : ss
size   : 2
```

5. If the inputted array of characters is "sdalkfjs;dfj";



```
C:\Windows\system32\cmd.exe
Enter an array of characters (30 max): sdalkfjs;dfj

string : sdalkfjs;dfj
size   : 12

After deleting the repeating characters...

string : sdalkfj;
size   : 8
```