

## sortCharStr

Write a C function `sortCharStr()` that accepts a character string ***str*** as parameter, sorts the characters in the string according to ascending order and returns the resultant string to the calling function via ***str***. You may assume that the character string contains only lower case characters. For example, if ***str*** = "goodies", the resultant string will be "degioos".

A sample program template is given below:

```
#include <stdio.h>
void sortCharStr(char *str);
int main()
{
    char str[80];

    printf("Enter a string: \n");
    scanf("%s", str);
    sortCharStr(str);
    printf("sortCharStr(): %s\n", str);
    return 0;
}
void sortCharStr(char *str)
{
    /* Write your code here */
}
```

Some test input and output sessions are given below:

(1) Test Case 1:

```
Enter a string:
big
sortCharStr(): bgi
```

(2) Test Case 2:

```
Enter a string:
goodies
sortCharStr(): degioos
```

(3) Test Case 3:

```
Enter a string:
have
sortCharStr(): aehv
```

(4) Test Case 4:

```
Enter a string:
difficulty
sortCharStr(): cdfiiltuy
```