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Swap the CASE!!

Problem	Submissions	Leaderboard	Discussions

Write a C program to change the case of alphabets.

Input Format

- If a lower/upper case alphabet is present covert it into upper/lower case.

Constraints

- Don't use built-in function to swap the cases(strlwr).

- Character string = 100

UPPER CASE - The upper case alphabets ASCII value range is **from 65 to 90**. If the ASCII value of any character of the string is in the range between 65 to 90, **Add 32 to the ASCII value of the character to convert into lower case.**

LOWER CASE - The lower case alphabets ASCII value range is **from 97 to 122**. If the ASCII value of any character of the string is in the range between 97 to 122, **Substract 32 to the ASCII value of the character to convert into upper case.**

Output Format

- The string should be converted to uppercase if the input string is in lowercase and vice-versa.

Sample Input 0

```
hello world
```

Sample Output 0

```
HELLO WORLD
```

Submissions: 36
Max Score: 10
Difficulty: Medium

Rate This Challenge:
☆☆☆☆☆

More

Current Buffer (saved locally, editable)   C

```c
1  #include <stdio.h>
2  #include <string.h>
3  #include <math.h>
4  #include <stdlib.h>
5
6  int main()
7
8  {
9      char str[100];
```

```
10    int i;
11    fgets(str, sizeof(str), stdin);
12    //fgets(str);
13▾   for(i=0;str[i]!='\0';i++)
14▾   {
15▾       if(str[i]>='A' && str[i]<='Z')
16▾           str[i]=str[i]+32;
17    else
18▾       if(str[i]>='a' && str[i]<='z')
19▾       str[i]=str[i]-32;
20    }
21    printf("%s",str);
22    return 0;
23 }
24▾   /* Enter your code here. Read input from STDIN. Print output to STDOUT */
25
26
27
```

Line: 1 Col: 1

⬆ Upload Code as File   ☐ Test against custom input   Run Code   Submit Code

Testcase 0 ✔

Congratulations, you passed the sample test case.

Click the **Submit Code** button to run your code against all the test cases.

Input (stdin)

```
hello world
```

Your Output (stdout)

```
HELLO WORLD
```

Expected Output

```
HELLO WORLD
```