Data Structure

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Converting string into Uppercase and Lowercase

1. Set i=0
2. While str[i]!=Null repeat step 3
3. If str[i]>='a' and str[i]<='z'
    1. Set Upperstr[i]=str[i]-32
    2. Else
    3. Set Upperstr[i]=str[i]
    4. [end]
    5. i=i+1
4. Upperstr[i]=Null
5. Exit

Appending string to another string

1. Set i=0 & j=0
2. While main[i]!=NULL repeat step 3
3. i=i+1
4. While append[j]!=NULL repeat step 5 to 7
5. main[i]=append[j]
6. i=i+1
7. j=j+1
8. main[i]=NULL
9. Exit

Reversing a string

1. Set i=0, j=length(str)-1
2. While i<j repeat steps 3 to 5
3. Swap (str[i], str[j])
4. i=i+1
5. j=j-1
6. Exit

Task

- Implement a C code to convert string into lowercase.