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C (ver 6.3) ▼ 💾 🗓 Code gets advanced every   ⓘ ⬇ ✂ ⚙

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Ide   ✕   •

Contest Code/Name (e.g. JULY15/PRACTICE)

Select

Open File

Custom Input
rakshit

Status Successfully executed   Date 2020-06-22 14:

Input
rakshit

Output
Enter the string:rakshit
String after removing vowels is :rksht

```c
#include<stdio.h>
#include<string.h>
int main()
{
char str[50];
int len=0,i=0,k=0,count=0;
printf("Enter the string:");
scanf("%s",str);
printf("%s",str);
len=strlen(str);
count=len;
for(i=0;i<len;)
{
    switch(str[i])
    {
        case 'a':
        case 'A':
        case 'e':
        case 'E':
        case 'i':
        case 'I':
        case 'o':
        case 'O':
        case 'u':
        case 'U':
            for (k=i;k<count;k++)
            {
                str[k]=str[k+1];
            }
        count--;
        break;
        default:
        i++;
        }
    }
    str[count]='\0';
    printf("\nString after removing vowels is :%s",str);
    return 0;
}
```

Write a C program to remove vowels from a word

Algorithm:

Step 1: Start
Step 2: Input str
Step 3: len = strlen(str)
Step 4: count = len
Step 5: for (i=0; i<len)
    switch (str[i])
     case 'a';
     case 'e';
     case 'i';
     case 'o';
     case 'u';
     case 'A';
     case 'E';
     case 'I';
     case 'O';
     case 'U';
    for (k=i; k<count; k++)
    str[k] = str[k+1]
    count --;
    break;
    default:
    i++
Step 6: str[count] = '\0'
Step 7: Display string after removing vowel & output str
Step 8: Stop

Flowchart:

```
                    ( Start )
                       |
                 / Input str /
                       |
              [ len = strlen(str) ]
                       |
                [ count = len ]
                       |
   True  <  for(i=0; i<len) >
    |                  |
    |            [ switch(str[i]) ]
    |                  |
    |           /  case 'a':        \
    |          /  case 'e': case 'i'  \      True  < for(k=i; k<count; k++) >
    |         <   case 'o': case 'u':   >------------------|
    |          \  case 'A': case 'E:  /                    |
    |           \ case 'I': case 'o'  /            [ str[k] = str[k+1] ]
    |            \   case 'u'  /                        count --
    |                  | False                           break
    |                  |                                   |
    |          < default >  True                        [ i++ ]
    |             \      \----------------|                |
    |              \ False                |                |
    |               |                  [ i++ ]-------------|
    |               |
    +---------[ str[count] = '\0' ]
                    |
       / String after removing vowel /
       /        output str          /
                    |
                 ( Stop )
```