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Input

Chinmaya

Output

```
Enter string  
Chinmaya  
After removal of vowels string is Chnmy
```

Removal of vowels in string

Program -

```
#include <stdio.h>
#include <string.h>
int vowel (char ch);
int main()
```

```
{
    int i, j=0;
    char str1[50], str2[50];
    printf ("Enter string \n");
    gets (str1);
    for (i=0; str1[i] != '\0'; i++)
    {
        if (vowel (str1[i]) == 0)
        {
            str2[j] = str1[i];
            j++;
        }
    }
    str2[j] = '\0';
    strcpy (str2, str1);
    printf ("After removal of vowels string  
is %s \n", str2);

    return (0);
}
```

```
int vowel (char ch)
```

```
{
    if (ch == 'a' || ch == 'A' || ch == 'e' || ch == 'E' || ch == 'i' || ch == 'I'
        || ch == 'o' || ch == 'O' || ch == 'u' || ch == 'U')
        return (0);
    else
        return (1);
}
```

algorithm -

step1 - start

step2 - Input str1

step3 - Repeat for ($i=0$; str1[i] != '\0'; $i++$)

if (vowel(str1[i]) == 0)

str2[j] = str1[i]

$j = j + 1$

[End if]

[End for]

step4 - str2[j] = '\0'

step5 - strcpy(str2, str1)

step6 - output str2

step7 - stop

Algorithm for vowel() function

step1 - start

step2 - if ($ch == 'a' || ch == 'A' || ch == 'e' || ch == 'E'$
 $|| ch == 'i' || ch == 'I' || ch == 'o' || ch == 'O' ||$
 $ch == 'u' || ch == 'U'$)

return(1)

else

return(0)

step3 - stop

Removal of vowels in string

Program -

```
#include <stdio.h>
#include <string.h>

int vowel(char ch);

int main()
{
    int i, j=0;
    char str1[50], str2[50];
    printf("Enter string\n");
    gets(str1);
    for(i=0; str1[i]!='\0'; i++)
    {
        if (vowel(str1[i]) == 0)
        {
            str2[j] = str1[i];
            j++;
        }
    }
    str2[j] = '\0';
    strcpy(str2, str2);
    printf("After removal of vowels string\n is \"%s\"", str2);

    return(0);
}

int vowel(char ch)
{
    if (ch == 'a' || ch == 'A' || ch == 'e' || ch == 'E' || ch == 'i' || ch == 'I' || ch == 'o' || ch == 'O' || ch == 'u' || ch == 'U')
        return(1);
    else
        return(0);
}
```