# Chinmaya Dayananda Kamath

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|---|---|
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## Input

```
C h i n m a y a
```

## Output

```
Enter the string
C h i n m a y a
String after removal of spaces is Chinmaya
```

# Removal of space from string

Program

```
#include <stdio.h>
#include <string.h>
int main()
{
    int i,n,j;
    char str1[50];
    printf("Enter the string\n");
    gets(str1);
    n=strlen(str1);
    for(i=0;i<n;i++)
    {
        if(str1[i]==' ')
        {
            for(j=i;j<n;j++)
            {
                str1[j]=str1[j+1];
            }
            n--;
        }
    }
    printf("string after removal of spaces is:%s\n",str1);
    return(0);
}
```

Algorithm

step1 - start

step2 - Input str1

step3 - n=strlen (str1)

step4 - Repeat for(i=0; i<n; i++)

Repeat if(str1[i] == ' ')

Repeat for(j=1; j<n; j++)

str1[j] = str1[j+1]

[End for]

n=n-1

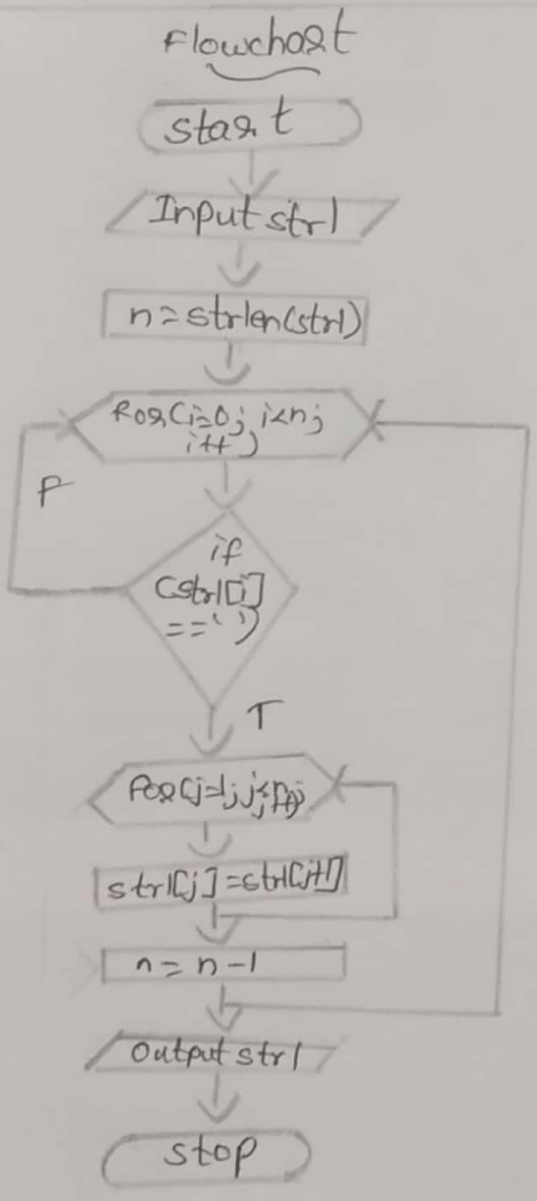
[End if]

[End for]

step5 - output str1)

step6 - stop

Flowchart



output

Enter the string

C h i n m a y a

string after removal of spaces is Chinmaya