

**AIM** : To write a Program in c++ to input the given string(including spaces) and reverse it using a function which locates the end of string and swap the first character with the last character, the second character with second last character and so on.

**CODING:**

```
#include<iostream.h>
```

```
#include<conio.h>
```

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

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

```
Void main()
```

```
{
```

```
Clrscr( );
```

```
Cout<<"\n Enter the String:";
```

```
Char M[100],temp;
```

```
gets(M);
```

```
int len=strlen(M);
```

```
int l=len-1;
```

```
for (int i=0; i<len/2; i++)
```

```
{
```

```
    Temp=M[i];
```

```
    M[i]=M[l];
```

```
    M[l]=temp;
```

```
    l--;
```

```
}
```

```
Cout<<"\n Reverse of string is:"<<M;  
    getch();  
}
```

### **OUTPUT:**

Enter the String : computer science

Reverse of string is : ecneics retupmoc\_