

```
1  #include<stdio.h>
2
3  int myStrlen(const char *p){
4      int cnt=0;
5      while(*p!='\0'){
6          cnt++;
7          p++;
8      }
9      return cnt;
10 }
11
12 void main(){
13     char *p="Pankaj Sharma";
14     printf("The length of string is %d",myStrlen(p));
15 }
```

TERMINAL

PROBLEMS

OUTPUT

PORTS

DEBUG CONSOLE

```
PS D:\Elevate\C programming\String Functions> cd "d:\Elevate\C programming\String Functions"
PS D:\Elevate\C programming\String Functions> gcc myStrlen.c -o myStrlen.exe
```

```
PS D:\Elevate\C programming\String Functions> .\myStrlen.exe
```

```
PS D:\Elevate\C programming\String Functions>
```

```
1  #include<stdio.h>
2
3  void myStrcpy(char *dest,char *src){
4      while(*src!='\0'){
5          *dest=*src;
6          src++;
7          dest++;
8      }
9      *dest='\0';
10 }
11
12 void main(){
13     char arr[20];
14     myStrcpy(arr,"Pankaj Sharma");
15     printf("%s",arr);
16 }
```

TERMINAL

PROBLEMS

OUTPUT

PORTS

DEBUG CONSOLE

```
PS D:\Elevate\C programming\String Functions> cd "d:\Elevate\
cpy }
```

Pankaj Sharma

```
PS D:\Elevate\C programming\String Functions> █
```

```

1  #include<stdio.h>
2  #include<string.h>
3
4  void myStrrev(char *p){
5      int len=strlen(p);
6      int i=0;
7      char temp;
8      while(i<len/2){
9          temp=p[i];
10         p[i]=p[len-1-i];
11         p[len-1-i]=temp;
12         i++;
13     }
14 }
15
16 void main(){
17     char arr[10]="Pankaj";
18     myStrrev(arr);
19     printf("%s",arr);
20 }

```

TERMINAL

PROBLEMS

OUTPUT

PORTS

DEBUG CONSOLE

PS D:\Elevate\C programming\String Functions> cd "d:\Elevate\C programming\String Functions" & gcc rev.c & ./rev }
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PS D:\Elevate\C programming\String Functions>

```

1  #include<stdio.h>
2  void myStrcat(char *dest,char *src){
3      // go to the end of array
4      while(*dest!='\0')
5          dest++;
6
7      // append source to end of destination
8      while(*src!='\0'){
9          *dest=*src;
10         dest++;
11         src++;
12     }
13     *dest='\0';
14 }
15
16 void main(){
17     char p[20]="Pankaj";
18     char q[10]="Sharma";
19     myStrcat(p, " ");
20     myStrcat(p,q);
21     printf("%s",p);
22 }

```

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```

PS D:\Elevate\C programming\String Functions> cd "d:\Elevate\C programming\String Functions"
cat }
Pankaj Sharma
PS D:\Elevate\C programming\String Functions>

```