







## CODE 1:

```
#include <stdio.h>
 #include <stdlib.h>
 3
    #include <string.h>
    /** STRING REVERSE WITHOUT USING strrey() function **/
     int main()
 7
         char a[30], temp;
 8
         int i,length;
         printf("Enter string:");
 9
10
         gets(a);
11
         length=strlen(a);
12
          for (i=0; i < (length/2); i++)</pre>
13
14
          temp=a[i];
15
           a[i]=a[(length-1)-i];
          a[(length-1)-i]=temp;
16
17
         printf("String is reversed:%s",a);
18
19
          getch();
20
21
```

■ "D:\1. C NOTEBOOK\C LANGUAGE\C PROGRAMS\PART

```
Enter string:jayanthi
String is reversed:ihtnayaj
```

```
#include <stdio.h>
 2
      #include <stdlib.h>
 3
      #include <string.h>
  4
      /** STRING REVERSE WITHOUT USING strrey() function **/
  5
      int main()
  6
    □ {
 7
           char a[30], temp;
 8
           int i,j,length;
 9
           printf("Enter string:");
10
           gets(a);
           length=strlen(a);
11
12
           /** for (i=0;i<(length/2);i++)
13
14
            temp=a[i];
15
            a[i]=a[(length-1)-i];
16
            a[(length-1)-i]=temp;
           } **/
17
18
          for (i=0, j=length-1; i<(length/2); i++, j--)</pre>
19
20
          temp=a[i];
21
           a[i]=a[j];
22
           a[j]=temp;
23
24
          printf("String is reversed:%s",a);
25
          getch();
26
27
■ "D:\1. C NOTEBOOK\C LANGUAGE\C P
Enter string:madam
String is reversed:madam_
 "D:\1. C NOTEBOOK\C LANGUAGE\C PROGRAMS\F
Enter string:level
String is reversed:level
```

"D:\1. C NOTEBOOK\C LANGUAGE\C PROGRAMS'

Enter string:rain

String is reversed:niar

"D:\1. C NOTEBOOK\C LANGUAGE\C PROGRAM

Enter string:net

String is reversed:ten

"D:\1.C NOTEBOOK\C LANGUAGE\C PROGRAMS\PART 5\_.
Enter string:Hello World
String is reversed:dlroW olleH

"D:\1. C NOTEBOOK\C LANGUAGE\C PROGRAMS\
Enter string:RAC E CAR
String is reversed:RAC E CAR

■ "D:\1.C NOTEBOOK\C LANGUAGE\C PROGF Enter string:RACECAR String is reversed:RACECAR\_

## CODE 2:

```
#include <stdio.h>
 1
 2
     #include <stdlib.h>
     #include <string.h>
 3
 4
     /** STRING REVERSE USING strrey() function **/
 5
     int main()
 6
   □ {
 7
         char a[30];
         printf("Enter string:\n");
 8
 9
         qets(a);
10
         strrev(a);
         printf("String is reversed:\n");
11
12
         puts(a);
         getch();
13
14
15
```

```
"D:\1. C NOTEBOOK\C LANGUAGE\C PROGRAMS\PART 5_Jennys Lectures\PART Enter string:
jayanthi
String is reversed:
ihtnayaj
```

```
"D:\1. C NOTEBOOK\C LANGUAGE\C PROGRAMS\PART 5_Jennys |
Enter string:
RAC E CAR
String is reversed:
RAC E CAR
-
```