

WAP to find the length of the string.

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Exp. No.:

Date: 4/19

#include <stdio.h>

#include <conio.h>

void main()

{

char name[10];

int length;

printf("Enter the string:");

gets(name);

length = strlen(name);

printf("The length of string is: %d", length);

getch();

}

Output

Enter the string : 1995

The length of string is : 4

WAP to copy the source string to target string.

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Exp. No.:

Date: 4/19

```
#include <stdio.h>
#include <conio.h>
#include <string.h>
void main ()
{
    char source[] = {"NEPAL"};
    char target[10];
    strcpy (target, source);
    printf ("The source string is : %s \n", source);
    printf ("The target string is : %s", target);
    getch();
}
```


Output

The source string s : NEPAL

The target string t : NEPAL

WAP to join the two string.

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Exp. No.:

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```
#include <stdio.h>
#include <conio.h>
#include <string.h>
void main ()
{
    char name [20] = "Hare";
    char name1 [20] = "Ram";
    clrscr ();
    printf ("The concatenate string is : %s", strcat (name, name1));
    getch ();
}
```


Output

The concatenate string is : HareRam.

WAP to reverse the given string.

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Exp. No.:

Date: 4/19

#include <stdio.h>

#include <conio.h>

#include <string.h>

void main()

{

char name[20];

printf("Enter the string:");

gets(name);

strrev(name);

printf("The reverse of given string is: %.s", name);

getch();

}

Output

Enter the string : 1234

The reverse of given string is : 4321

WAP to demonstrate strcmp() function.

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Exp. No.:

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~~WAP to demonstrate strcmp() function.~~

```
#include <stdio.h>
#include <conio.h>
#include <string.h>
void main()
{
    int a;
    char s1[10] = {"ABC"};
    char s2[10] = {"ABD"};
    x = strcmp(s1, s2);
    if (x < 0)
        printf("s1 is less than s2");
    else if (x > 0)
        printf("s1 is greater than s2");
    else
        printf("s1 is equal to s2");
    getch();
}
```


Output

S_1 is less than S_2

WAP to demonstrate strlwr () function.

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```
#include <stdio.h>
#include <conio.h>
#include <string.h>
void main()
{
    char string[20];
    clrscr();
    printf("Enter the string:");
    gets(string);
    printf("The lower case is '%s', strlwr(string);
    getch();
}
```


Output

Enter the string: ASHESH

The lower case is: ashesh

WAP to demonstratestrup() function

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Exp. No.:

Date: 4/21

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

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

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

```
void main()
```

```
{
```

```
    char string[20];
```

```
    clrscr();
```

```
    printf("Enter the string: ");
```

```
    gets(string);
```

```
    printf("The upper case is: %.s",strup(string));
```

```
    getch();
```

```
}
```


Output

Enter the string: highapproach

The upper case is : HIGHAPPROACH