# String handling

### \*string handling functions

C language supports a large number of string handling functions that can be used to carry out

Many of the string manipulations. These functions are packed in string.h library.

You must include string.h library

These are the most commonly used string handling functions:

### Strcat()

It is used to concatenate two strings

## Strlen()

This string handling function is used to

Show the length of the string.

### Strrev()

It is used to show the reverse of a string.

#### Output:

The give string is:hello world

After reversing the string is: dlrow olleh

### Strcpy()

This string functions is used to copy one string into another.

```
| The state of the
```

### Strcmp()

It is used to compare two strings.

Here if the ascii value of string1 is greater than

The ascii value of string2, the value will be positive

And if the ascii value of string 2 is greater than that of string 1,

#### The value will be negative

### Strlwr()

It is used to convert the input to lower case

Output: lowercase of the string is: hello

### Strupr()

It is used to convert the input to upper case

```
#include(stdio.h)
#include(conio.h)
#include(string.h)
void main()
{
        clrscr();
        char str[50]="hello";
        printf("the uppercase is:%s\n",strupr(str));
        getch();
}$$
```

Output: the uppercase is: HELLO

### Strcmpi()

Same as strcmp function but this one negotiates the Case A and a are treated the same

Output: The function returns = 0

### Strncat()

It is used to concatenate n characters of a second string

To the first string.

### Strncmp()

It is used to compare n characters of Second string to first string.

### Strncpy()

Copies give number of characters of one string to

### Strstr(str1,str2)

Returns pointer to first occurrence of str2 in str1

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

#inclu
```