ASSIGNMENT ON C

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Roll no:37

Department of Computer Science

1st BCA

Define string.

A string is any series of characters that are interpreted literally by a script. For example, “hello world” and “LKJH019283” are both examples of strings.

The String Handling Functions.

- C programming language provides a set of pre-defined functions called string handling functions to work with string values.

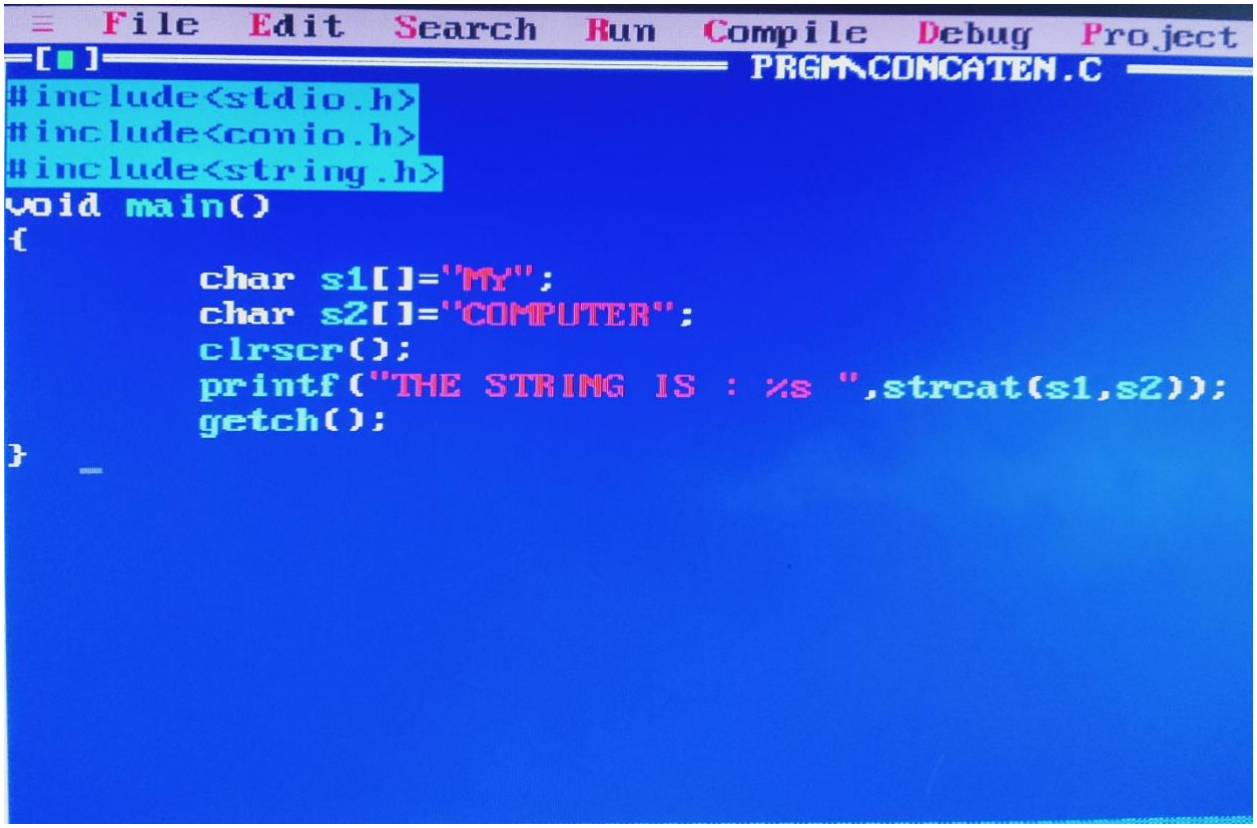
*Packaged in string.h Library.

The String Handling Functions are as follows:

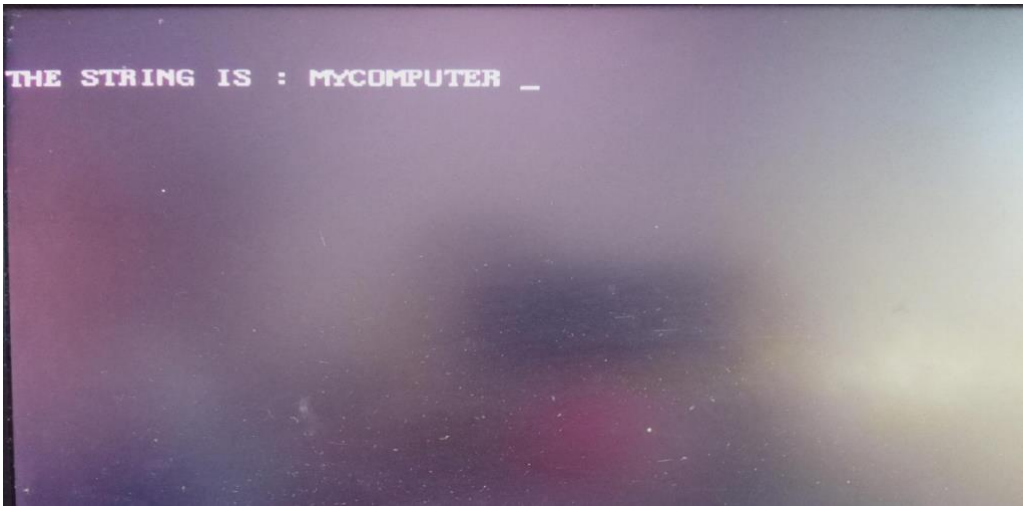
- Strcat()

This function is used to concatenate two strings.

Program:



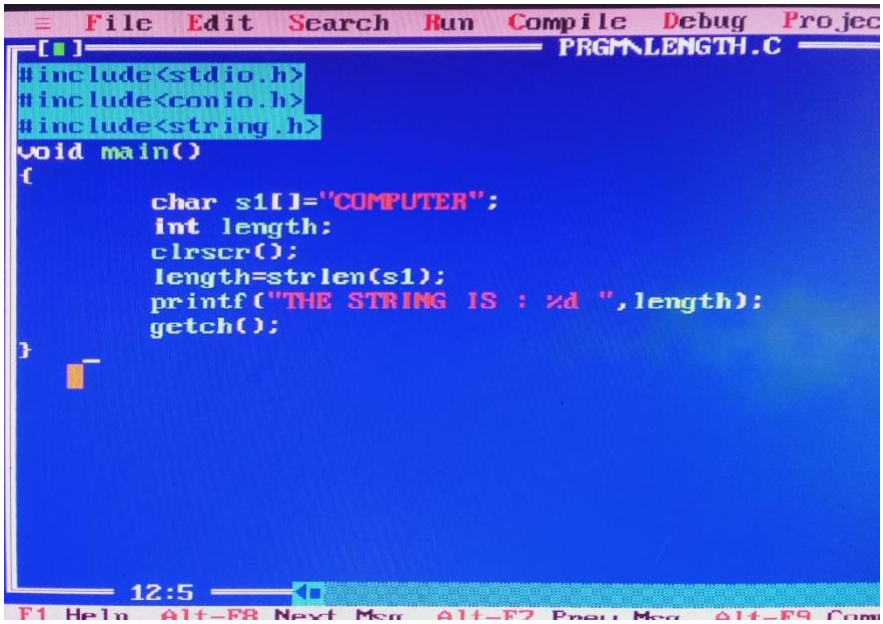
Output:



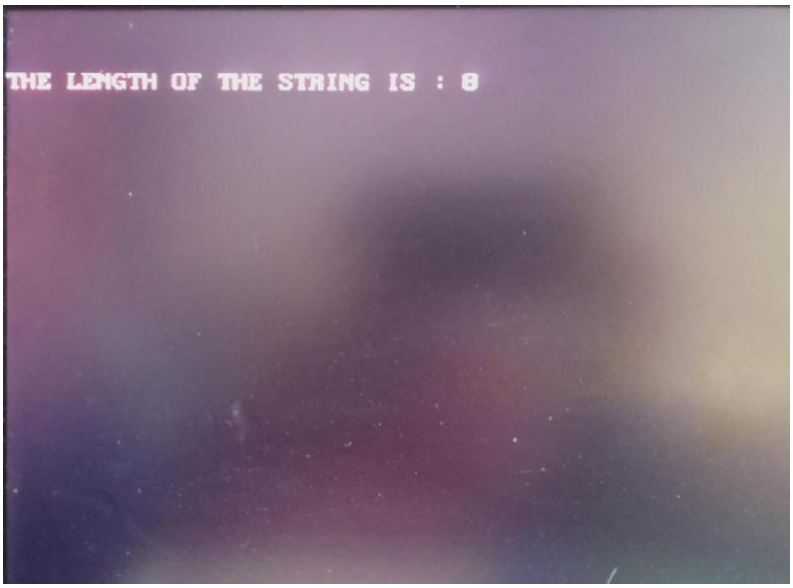
- Strlen()

This function is used to find the length of the given string.

Program:



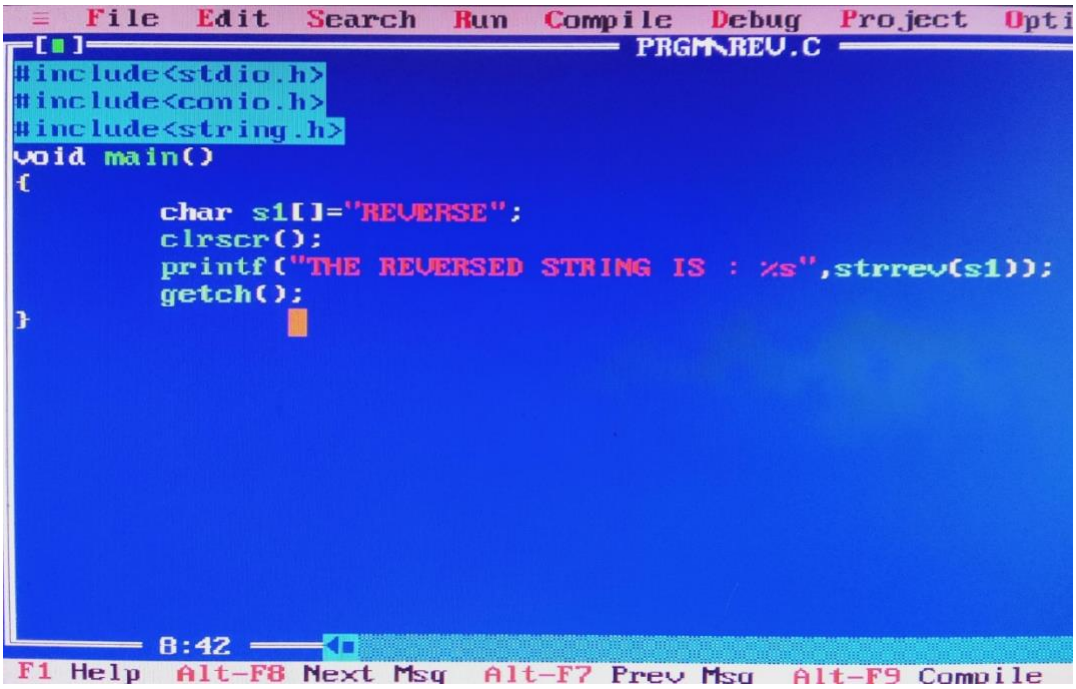
Output:

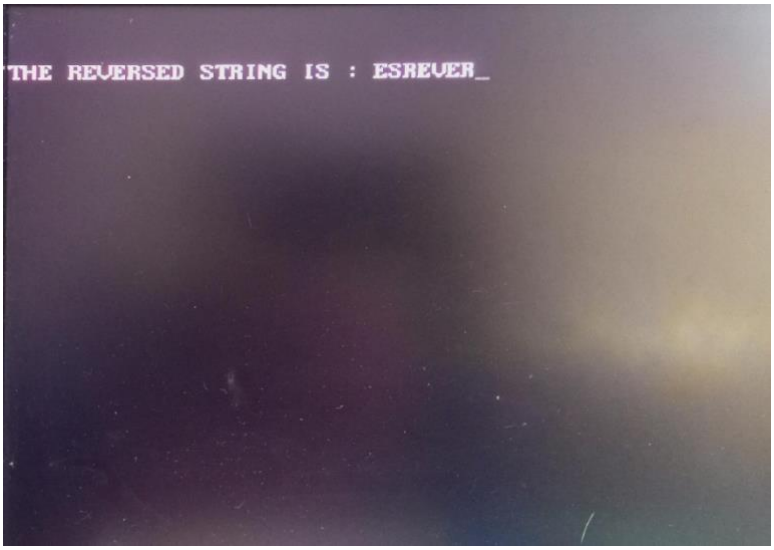


Strrev()

This function is used to get the reverse of the given input.

Program:



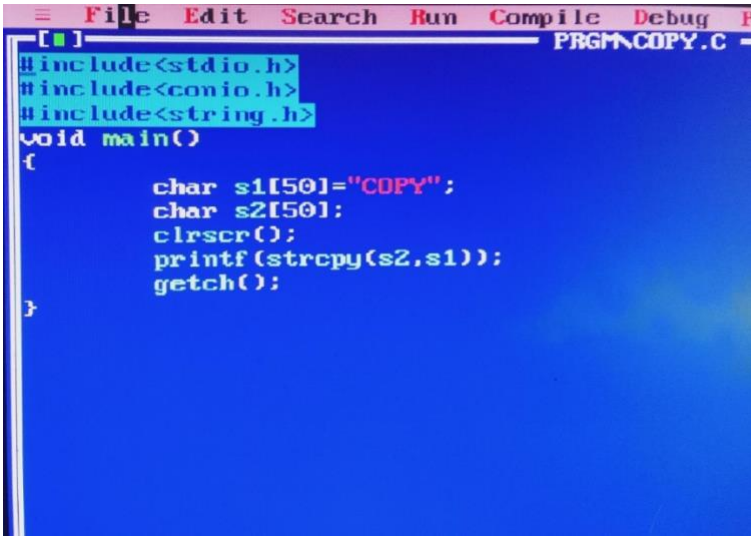


Output:

R()

This function is used to copy one string to another string.

Program:

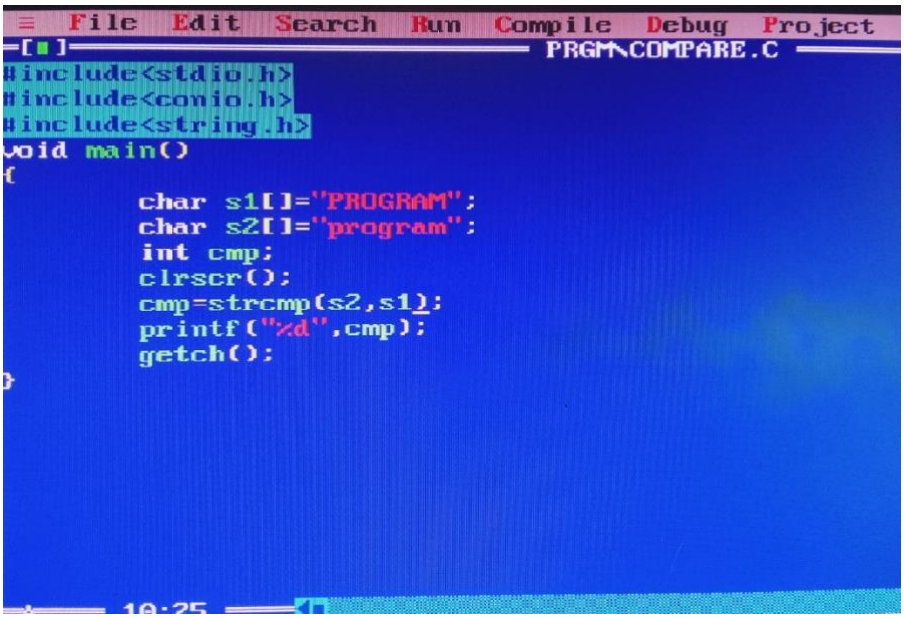


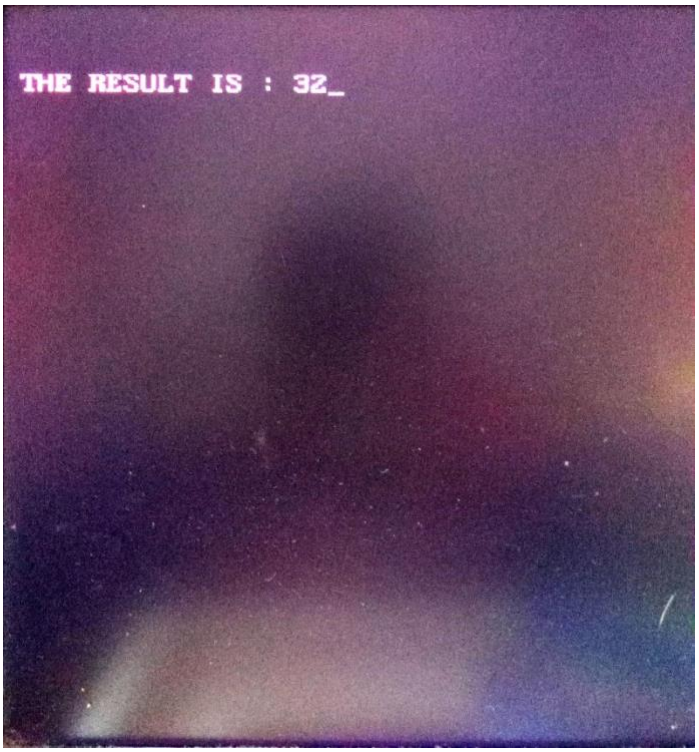
Output

Strcmp ()

This function is used to compare two strings.

Program:



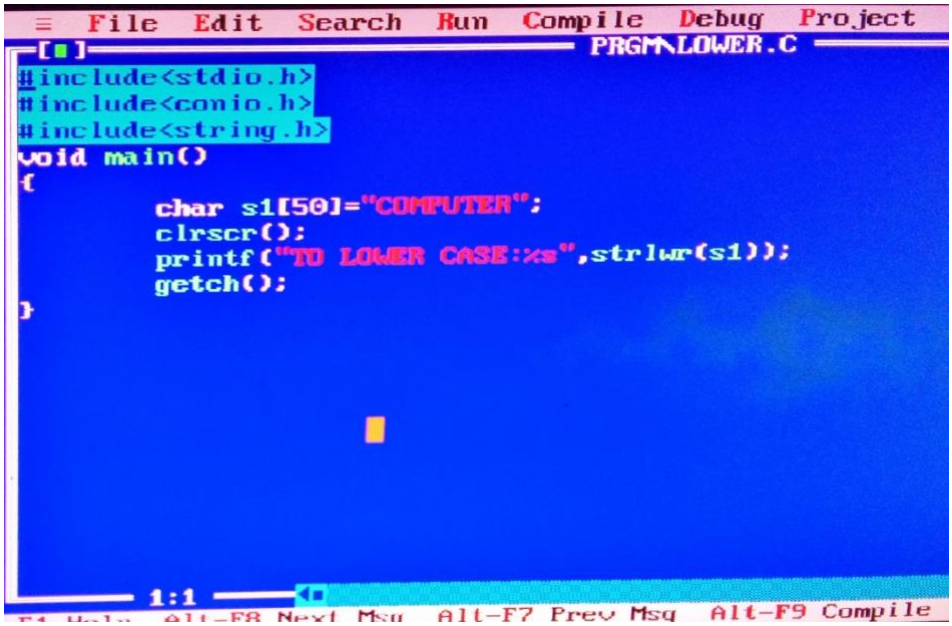


Output

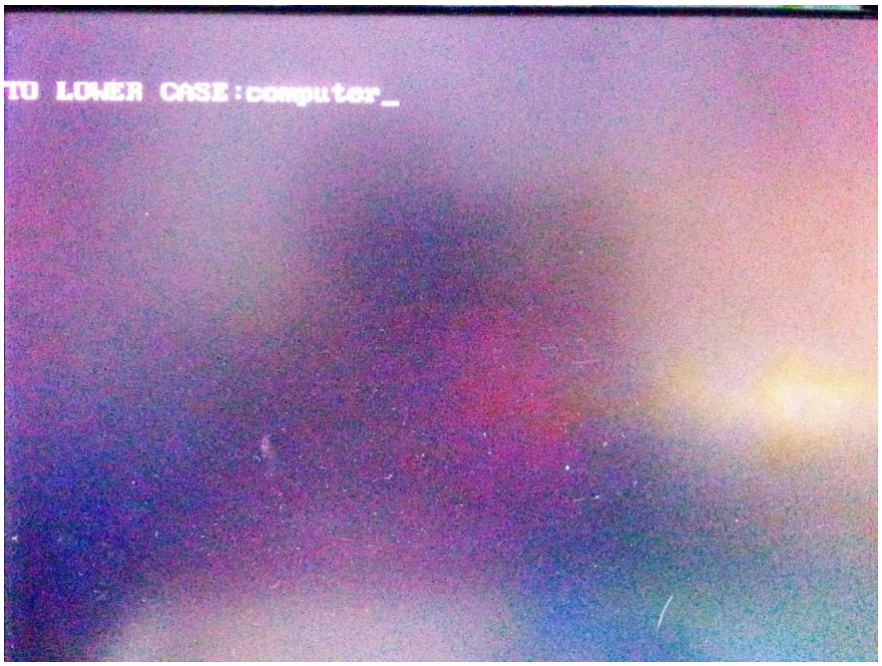
Strlwr()

This function helps to covert the given input into Lower Case.

Program:



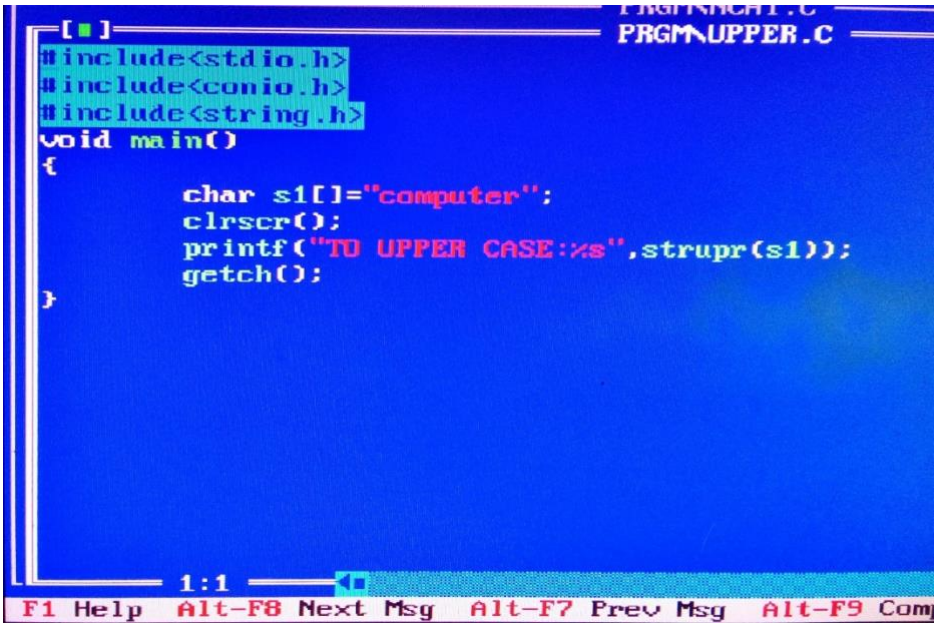
Output



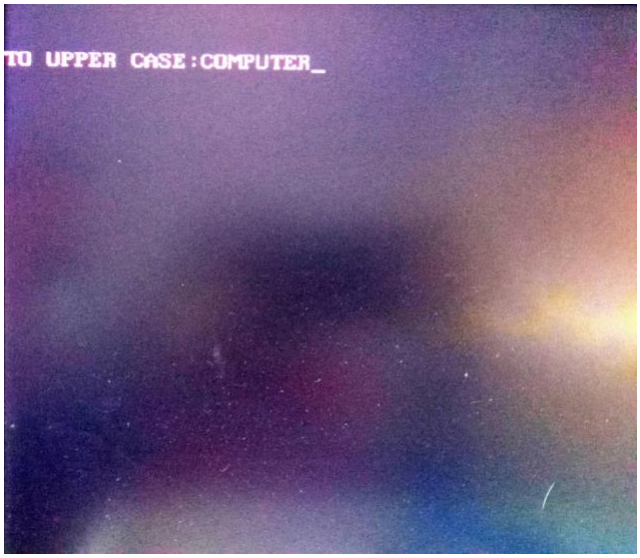
Strupr()

This function is used to covert the given input into upper case.

Program



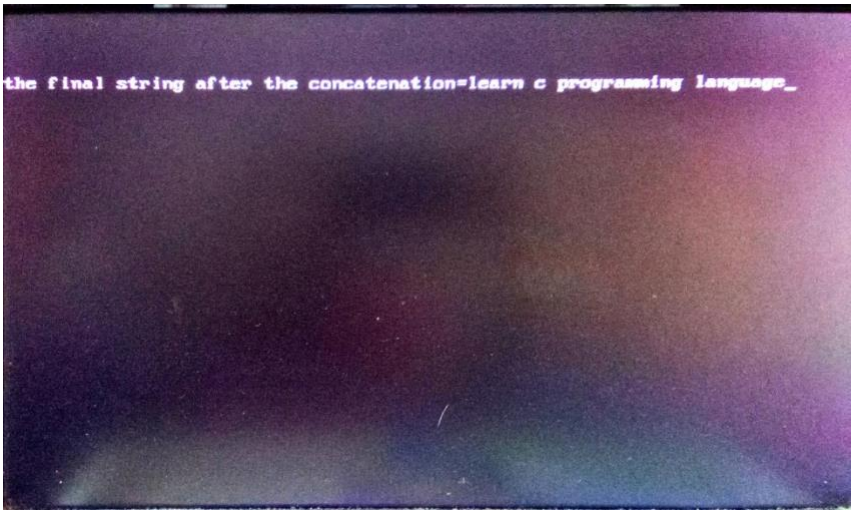
Output



- Strncat()

This function is used to concatenate n characters of second string to the first string.

Program:

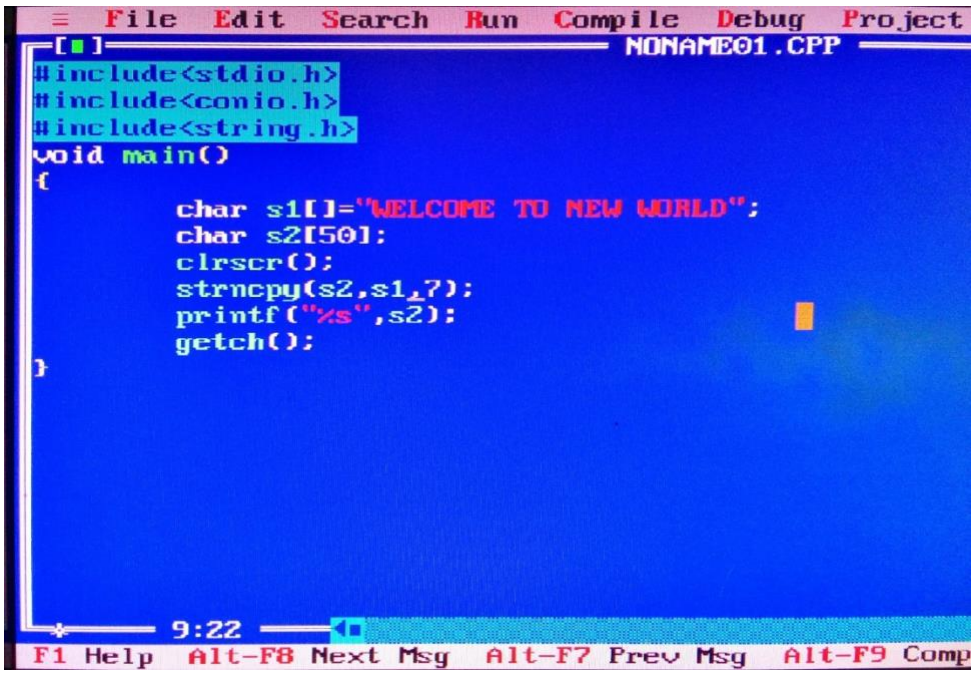


Output

Strncpy()

This function is used to get copies of given number of characters to one string to another.

Program:



Output

Strstr (str1,str2)

The strstr() function returns pointer to the first occurrence of the matched string in the given string. It is used to return substring from first match till the last character.

Program:

```
#include<stdio.h>
#include<conio.h>
#include<string.h>
void main()
{
        char s1[]="programming in c language";
        char s2[]="c";
        char *st;
        clrscr();
        st=strstr(s1,s2);
        printf("%s",st);
        getch();
}
```

6:46

F1 Help Alt-F8 Next Msg Alt-F7 Prev Msg Alt-F9 C

Output