

Aim:

Write a program to **copy** a given string into another string without using string library functions.

At the time of execution, the program should print the message on the console as:

Enter a string :

For example, if the user gives the **input** as:

Enter a string : Narmada

then the program should **print** the result as:

The copied string = Narmada

Note: Do use the **printf()** function with a **newline** character (**\n**) at the end.

Source Code:

Program604.c

```
#include<stdio.h>
int main()
{
    char s1[100],s2[100],i;
    printf("Enter a string : ");
    scanf("%s",s1);
    for(i=0;s1[i]!='\0';++i)
    {
        s2[i]=s1[i];
    }
    s2[i]='\0';
    printf("The copied string = %s\n",s2);
}
```

Execution Results - All test cases have succeeded!

Test Case - 1
User Output
Enter a string : Hyderabad
The copied string = Hyderabad

Test Case - 2
User Output
Enter a string : London_UK
The copied string = London_UK