

**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>
#include<string.h>
void main()
{
    char str1[100],str2[100],a;
    printf("Enter a string : ");
    scanf("%s",&str1);
    for(a=0;str1[a]!='\0';a++)
    {
        str2[a]=str1[a];
    }
    str2[a]='\0';
    {
        printf("The copied string = %s\n",str2);
    }
}
```

**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