

**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 str1[100],str2[100];
    int i;
    printf("Enter a string : ");
    scanf("%s",str1);
    for(i=0;str1[i]!='\0';i++)
    {
        str2[i]=str1[i];
    }
    str2[i]='\0';
    printf("The copied string = %s\n",str2);
    return 0;
}
```

**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