

Assignment: Copy One String to Another Using strcpy()

What is the program supposed to do?

You are going to write a C program that:

1. Asks the user to enter a string (like a word or sentence).
2. Copies that string into another string using a built-in function called strcpy().
3. Displays the copied string on the screen.

This shows how to use strcpy(), which is a standard string function in C.

What does strcpy() do?

The function:

strcpy(destination, source);

- Takes two strings (arrays of characters).
- Copies all characters from the source string to the destination string.
- Includes the null character '\0' at the end so the new string works correctly.

What you need to do step by step:

1. Include header files:
 - #include <stdio.h> for input/output functions like printf() and scanf().
 - #include <string.h> to use the strcpy() function.
2. Declare two character arrays (strings):
 - One for the original string (entered by the user).
 - Another to store the copied version of that string.
3. Ask the user to enter a string using scanf() or gets().
4. Use strcpy() to copy the input string to the second array.

Output:

```
Output
Enter a string: hello
Copied string: hello
```

CBSE

ICSE

NTSE

Banking & Insurance

Central Govt. Service

State Govt. Services

LAW Entrance

MBA Entrance

Railways & Metro Services

...many more

abhyasonline.in