

All Contests > 22_PPS1_Lab11 > Fiddle with given code - II

Fiddle with given code - II

locked

Problem

Submissions

Leaderboard

Discussions

Let us look into another variation of the code in previous statement. Why do we need to create array of char pointers?

Check "Test against custom input" box before clicking "Run Code" button.

Please submit the output of the code for this problem statement.

Input Format

-

Constraints

-

Output Format

-

[f](#) [t](#) [in](#)

Submissions: 50

Max Score: 10

Difficulty: Easy

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C



```
#include <stdio.h>
#include <string.h>
#include <math.h>
#include <stdlib.h>

void change(char **names)
{
    char *temp = names[1];
    names[1] = names[0];
    names[0] = temp;
}

int main()
```

```
14▼ {
15     int i;
16▼     char names[3][10] = {
17         "Gopal",
18         "Krishna",
19         "Shyam"
20     };
21
22▼     char *names_pointers[3];
23     for(i = 0; i < 3; i++)
24▼     {
25▼         names_pointers[i] = names[i];
26     }
27
28     change(names_pointers);
29
30     for(i = 0; i < 3; i++)
31▼     {
32▼         printf("%s\n", names[i]);
33     }
34
35     printf("\nNames pointed by pointer array in following sequence\n");
36     for(i = 0; i < 3; i++)
37▼     {
38▼         printf("%s\n", names_pointers[i]);
39     }
40 }
```

Line: 1 Col: 1

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