



# CENTRAL UNIVERSITY OF HARYANA

PROGRAM-04

SUBJECT: OOP'S

COURSE CODE: BT CS 405

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DEPARTMENT: COMPUTER SCIENCE AND  
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YEAR/SEMESTER: 2<sup>nd</sup>/4<sup>TH</sup> sem

**PROGRAM:** WAP to show the effect of default arguments can be alternatively achieved by overloading.

**CODE:**

```
#include <iostream>
using namespace std;

// defining the default arguments
void display(char = '*', int = 3);

int main() {
    int count = 5;

    cout << "No argument passed: ";
    // *, 3 will be parameters
    display();

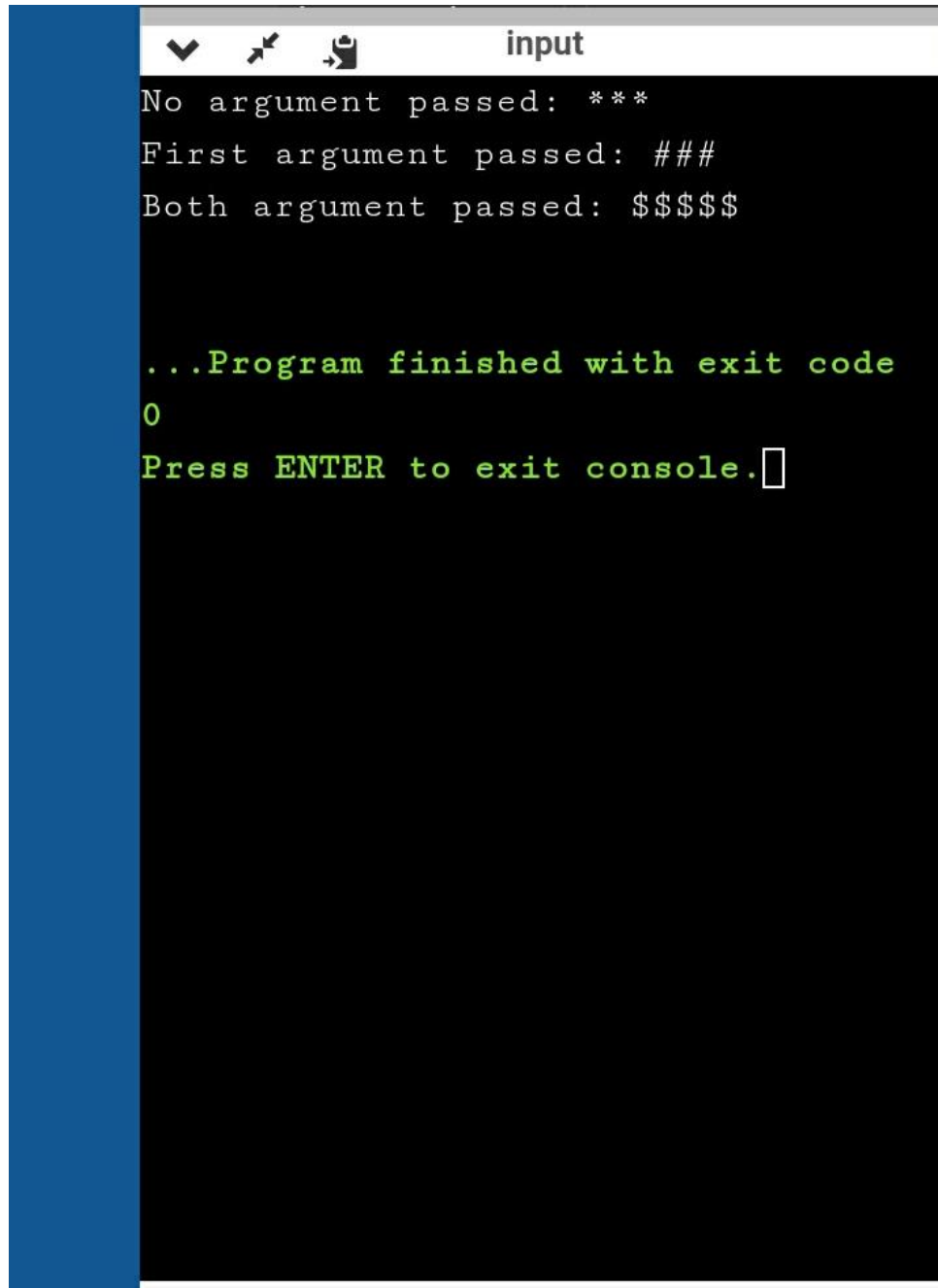
    cout << "First argument passed: ";
    // #, 3 will be parameters
    display('#');

    cout << "Both arguments passed: ";
    // $, 5 will be parameters
    display('$', count);

    return 0;
}

void display(char c, int count) {
    for(int i = 1; i <= count; ++i)
    {
        cout << c;
    }
    cout << endl;
}
```

## OUTPUT:

A screenshot of a terminal window with a title bar that says "input". The window has standard window control icons (minimize, maximize, close) on the left. The terminal background is black with white text. The output shows three lines of status messages: "No argument passed: \*\*\*", "First argument passed: ###", and "Both argument passed: \$\$\$\$\$". Below these, in green text, it says "...Program finished with exit code 0" and "Press ENTER to exit console." followed by a cursor icon.

```
input
No argument passed: ***
First argument passed: ###
Both argument passed: $$$$$

...Program finished with exit code
0
Press ENTER to exit console.█
```