

```

// This program demonstrates default function arguments.
#include <iostream>
using namespace std;

// Function prototype with default arguments
void displayStars(int = 10, int = 1);

int main()
{
    displayStars();          // Use default values for cols and rows.
    cout << endl;
    displayStars(5);         // Use default value for rows.
    cout << endl;
    displayStars(7, 3);      // Use 7 for cols and 3 for rows.
    return 0;
}

//*****
// Definition of function displayStars.                                     *
// The default argument for cols is 10 and for rows is 1.*
// This function displays a square made of asterisks.                    *
//*****

void displayStars(int cols, int rows)
{
    // Nested loop. The outer loop controls the rows
    // and the inner loop controls the columns.
    for (int down = 0; down < rows; down++)
    {
        for (int across = 0; across < cols; across++)
            cout << "*";
        cout << endl;
    }
}

```