

```
// This program shows that a static local variable is only
// initialized once.
#include <iostream>
using namespace std;

void showStatic(); // Function prototype

int main()
{
    // Call the showStatic function five times.
    for (int count = 0; count < 5; count++)
        showStatic();
    return 0;
}

//*****
// Definition of function showStatic. *
// statNum is a static local variable. Its value is displayed *
// and then incremented just before the function returns. *
//*****

void showStatic()
{
    static int statNum = 5;

    cout << "statNum is " << statNum << endl;
    statNum++;
}
```