

```

// This program shows that local variables do not retain
// their values between function calls.
#include <iostream>
using namespace std;

// Function prototype
void showLocal();

int main()
{
    showLocal();
    showLocal();
    return 0;
}

//*****
// Definition of function showLocal. *
// The initial value of localNum, which is 5, is displayed. *
// The value of localNum is then changed to 99 before the *
// function returns. *
//*****

void showLocal()
{
    int localNum = 5; // Local variable

    cout << "localNum is " << localNum << endl;
    localNum = 99;
}

```