

```
// This program demonstrates a unique_ptr.
#include <iostream>
#include <memory>
using namespace std;

int main()
{
    // Define a unique_ptr smart pointer, pointing
    // to a dynamically allocated int.
    unique_ptr<int> ptr( new int );

    // Assign 99 to the dynamically allocated int.
    *ptr = 99;

    // Display the value of the dynamically allocated int.
    cout << *ptr << endl;
    return 0;
}
```