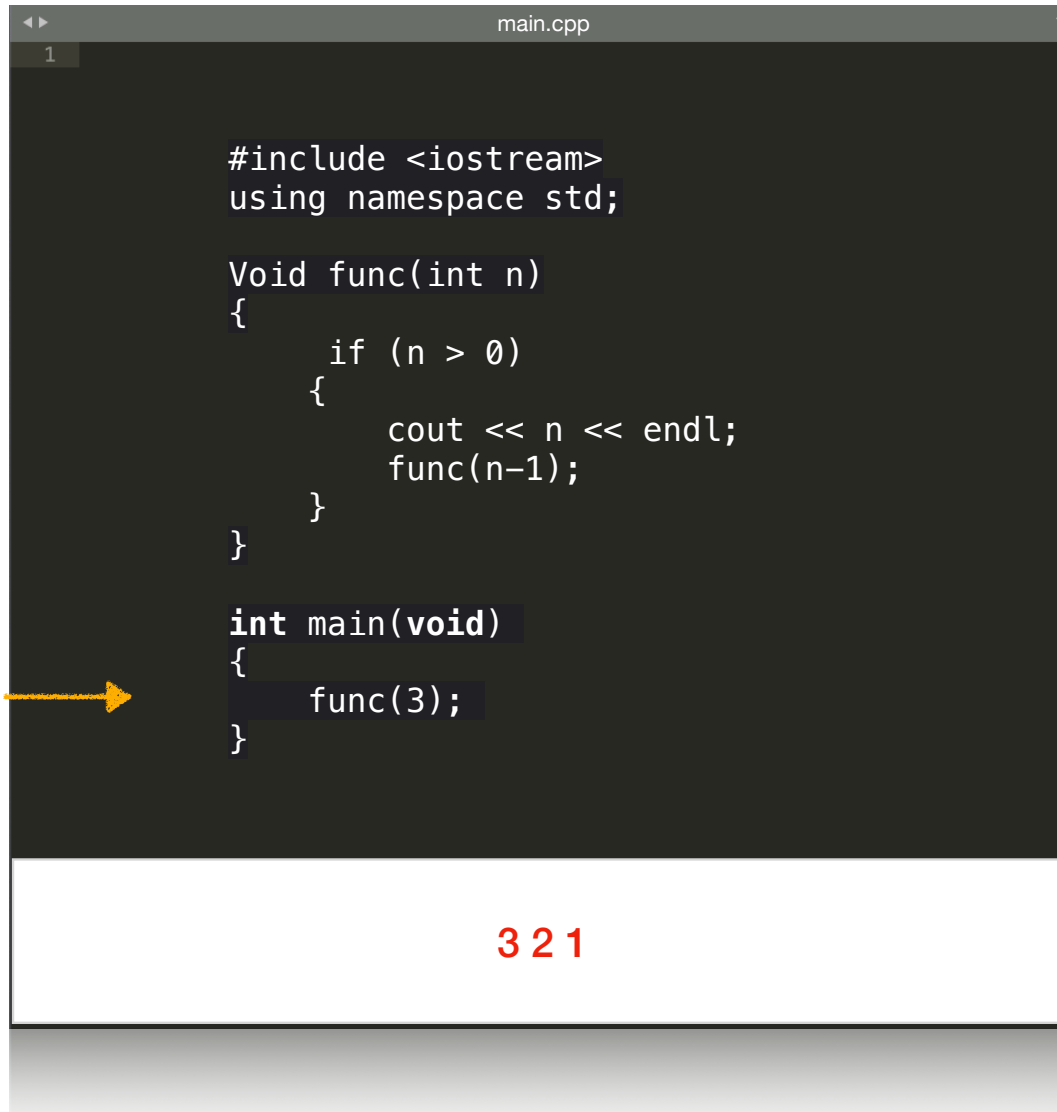


Understand the C++ Memory Model



The screenshot shows a code editor window titled "main.cpp" with a line number "1" on the left. The code is as follows:

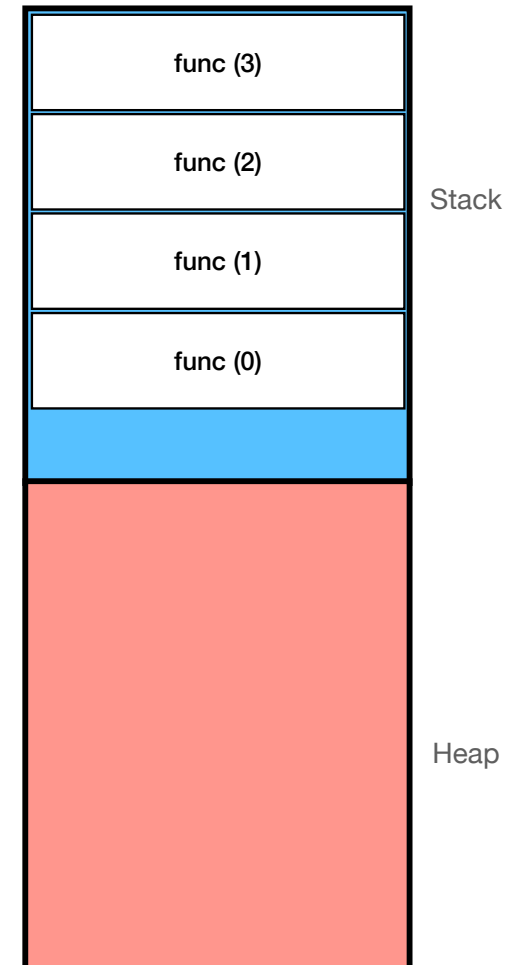
```
#include <iostream>
using namespace std;

Void func(int n)
{
    if (n > 0)
    {
        cout << n << endl;
        func(n-1);
    }
}

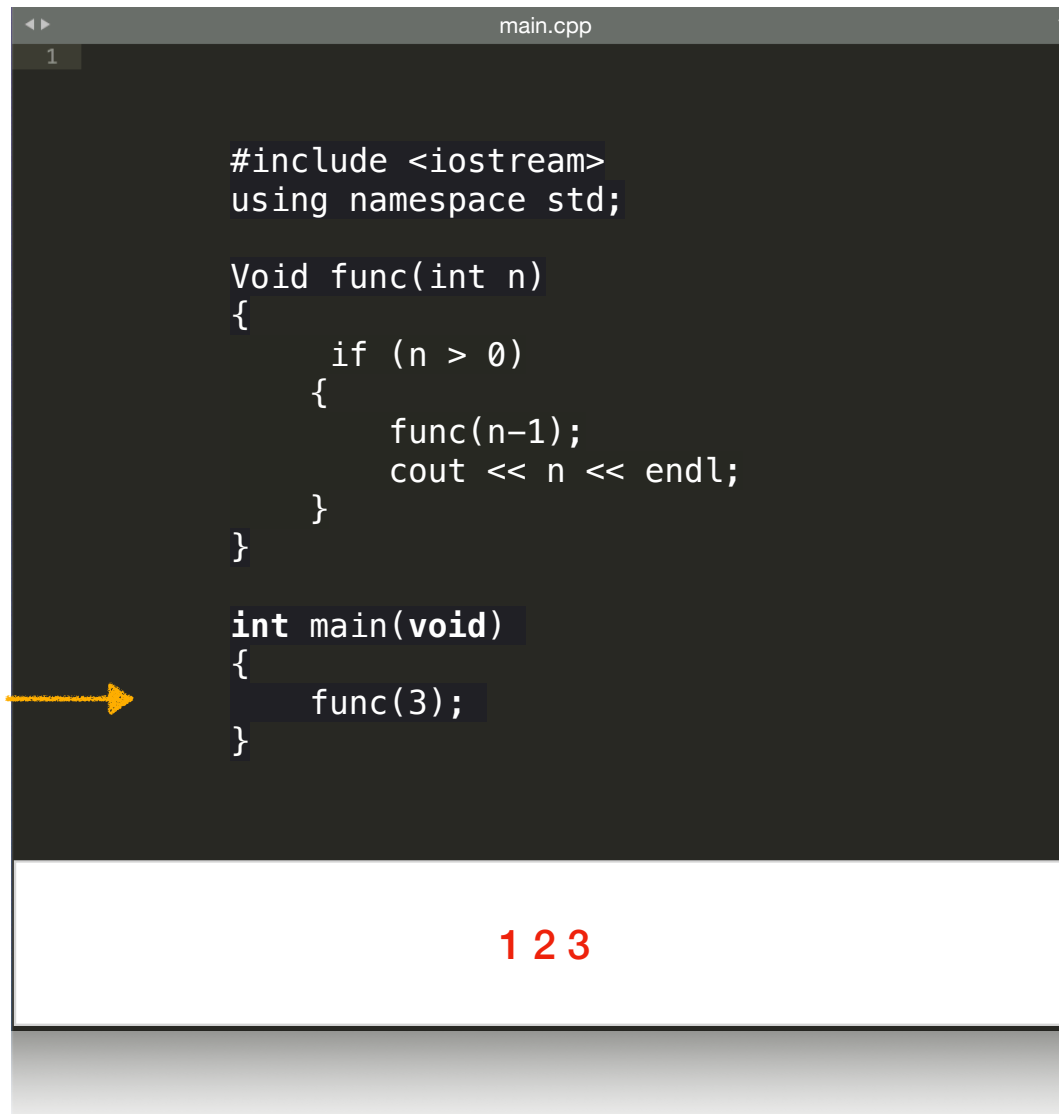
int main(void)
{
    func(3);
}
```

A yellow arrow points to the `func(3);` line in the `main` function. Below the code editor, the output "3 2 1" is displayed in red text.

C++ Memory Model



Understand the C++ Memory Model



The screenshot shows a code editor window titled 'main.cpp' with a line number '1' on the left. The code is as follows:

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

Void func(int n)
{
    if (n > 0)
    {
        func(n-1);
        cout << n << endl;
    }
}

int main(void)
{
    func(3);
}
```

A yellow arrow points to the `func(3);` line in the `main` function. Below the code editor, a white box contains the output '1 2 3' in red text.

C++ Memory Model

