cout << "In main(), year = " << year << ", &year =";
cout << &year << "\n";
return 0;
}

void oil(int x)
{
    int texas = 5;
    
    cout << "In oil(), texas = " << texas << " , &texas =";
cout << &texas << "\n";
cout << "In oil(), x = " << x << " , &x =";
cout << &x << "\n";
    
    // start a block
    int texas = 113;
cout << "In block, texas = " << texas;
cout << " , &texas = " << &texas << "\n";
cout << "In block, x = " << x << " , &x =";
cout << &x << "\n";
    
    // end a block
    cout << "Post-block texas = " << texas;
cout << " , &texas = " << &texas << "\n";
}

Here is the output:

In main(), texas = 31, &texas =0x0065fd54
In main(), year = 1999, &year =0x0065fd58
In oil(), texas = 5, &texas =0x0065fd40
In oil(), x = 31, &x =0x0065fd50
In block, texas = 113, &texas = 0x0065fd44
In block, x = 31, &x =0x0065fd50
Post-block texas = 5, &texas = 0x0065fd40
In main(), texas = 31, &texas =0x0065fd40
In main(), year = 1999, &year =0x0065fd58

Notice how each of the three texas variables has its own distinct address and how the