

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

int main() {
    int var1 = 10;
    int var2 = 20;
    int* ptr;

    ptr = &var1;
    cout <<"Location of Var1: " << &var1 << endl;
    cout << "Location of pointer: " <<ptr << endl;
    cout << "Value of the pointer: " <<*ptr<<endl;

    ptr = &var2;
    cout <<"Location of Var2: " << &var2 << endl;
    cout <<"Location of pointer: " << ptr << endl;
    cout << "Value of the pointer: " <<*ptr<<endl;
    return 0;
}
```