

Pointers

Pointers are variables in C++ which holds the position of other variables. They have data types which are like variables. The data type signifies which data type variable's position will it be holding.

```
#include <iostream>
using namespace std;
int main(){
    //Pointer declaration
    int *p, var=101;

    //Assignment
    p = &var;

    cout<<"Address of var: "<<&var<<endl;
    cout<<"Address of var: "<<p<<endl;
    cout<<"Address of p: "<<&p<<endl;
    cout<<"Value of var: "<<*p;
    return 0;
}
```

Output:

```
Address of var: 0x7fff5dffc0c
Address of var: 0x7fff5dffc0c
Address of p: 0x7fff5dffc10
Value of var: 101
```