**C++ this Pointer**

In C++ programming, **this** is a keyword that refers to the current instance of the class. There can be 3 main usage of this keyword in C++.

* It can be used **to pass current object as a parameter to another method.**
* It can be used **to refer current class instance variable.**
* It can be used **to declare indexers.**

## **C++ this Pointer Example 🡪**

#include <iostream>

using namespace std;

class Employee {

public:

int id;//data member (also instance variable)

string name;//data member(also instance variable)

float salary;

Employee(int i, string n, float s)

{

this->id = i;

this->name = n;

this->salary = s;

}

void display()

{

cout << "fucker's id : " << id << " fucker's name : " << name << endl;

}

};

int main(void) {

Employee e1 =Employee(101, "white walkers", 890000); //creating an object of Employee

Employee e2=Employee(102, "snow", 59000);

e1.display();

e2.display();

return 0;

}

/\*fucker's id : 101 fucker's name : white walkers

fucker's id : 102 fucker's name : snow\*/