**C# this**

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 refer current class instance variable**. It is used if field names (instance variables) and parameter names are same, that is why both can be distinguish easily.
* It can be used **to pass current object as a parameter to another method**.
* It can be used **to declare indexers**.

**C# this example**

Let's see the example of this keyword in C# that refers to the fields of current class.

1. using System;
2. public class Employee
3. {
4. public int id;
5. public String name;
6. public float salary;
7. public Employee(int id, String name,float salary)
8. {
9. this.id = id;
10. this.name = name;
11. this.salary = salary;
12. }
13. public void display()
14. {
15. Console.WriteLine(id + " " + name+" "+salary);
16. }
17. }
18. class TestEmployee{
19. public static void Main(string[] args)
20. {
21. Employee e1 = new Employee(101, "Sonoo", 890000f);
22. Employee e2 = new Employee(102, "Mahesh", 490000f);
23. e1.display();
24. e2.display();
26. }
27. }

Output:

101 Sonoo 890000

102 Mahesh 490000