**this keyword :**

The main purpose of using this keyword in Java is to remove the confusion between class attributes and parameters that have same names.

**various uses of ‘this’ keyword in Java:**

* It can be used to refer instance variable of current class
* It can be used to invoke or initiate current class constructor
* It can be passed as an argument in the method call
* It can be passed as argument in the constructor call
* It can be used to return the current class instance

**Works as a reference to the current object, whose method or constructor is being invoked. This keyword can refer to any member of the current object from within an instance method or a constructor. Using ‘this’ keyword to refer current class instance variables.**

**Differentiate Local variable and Instance variable in a class.**

**Example of this keyword:**

//Java code for using 'this' keyword to

//refer current class instance variables

class Test

{

int a; // instance variable

int b;

// Parameterized constructor

Test(int a, int b) // local variable

{

this.a = a;

this.b = b;

}

void display()

{

//Displaying value of variables a and b

System.out.println("a = " + a + " b = " + b);

}

public static void main(String[] args)

{

Test object = new Test(10, 20);

object.display();

}

}

}