

# This and super keyword

## 1: this keyword

this keyword is use to access global variable from same/current class.

## 2: super keyword

super keyword is use to access global variable from super class.

```
package This_Super_Keywords;
//super class
public class Sample2
{
    int a=30;        //global variable from super class
}

package This_Super_Keywords;
//sub class
public class Sample1 extends Sample2
{
    //int a=30;        //global variable from super class

    int a=20;        //global variable from same class

    public void m1()
    {
        int a=10;        //local variable
        System.out.println(a);    // 10
        System.out.println(this.a);    //20
        System.out.println(super.a);    //30
    }

    public static void main(String[] args)
    {
        Sample1 s1=new Sample1();
        s1.m1();
    }
}
```

# Default values of datatype

Datatype	Default Values
byte:	0
short:	0
int:	0
long:	0L
float:	0.0f
double:	0.0d
char:	'\u0000' (null character)
boolean:	false
String	null

```
package DefaultValuesOfPrimitiveDT;

public class Sample1
{
    static byte a1;
    static short a2;
    static int a3;
    static long a4;
    static float b1;
    static double b2;
    static char c;
    static boolean b;
    static String s;

    public static void main(String[] args)
    {
        System.out.println(a1);
        System.out.println(a2);
        System.out.println(a3);
        System.out.println(a4);
        System.out.println(b1);
        System.out.println(b2);
        System.out.println(c);
        System.out.println(b);
        System.out.println(s);
    }
}
```