← Super Keyword in Java →

Super Keyword :

Super is a special keyword in java that is used to refer the instance of the immediate parent class.
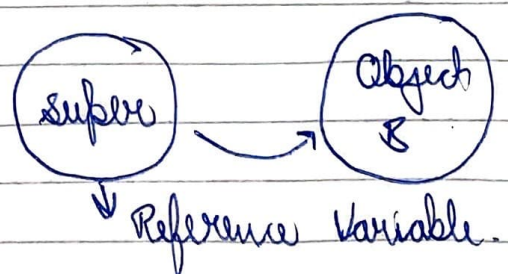
Uses of Super Keyword in Java:

- Used to refer to an instance variable of the immediate parent class.

- Used to invoke a method of the immediate parent class.

- Used to invoke a constructor of immediate parent class.

→ Ex :

class A and B
{

}

- Super keyword will refer to the parent class object

super → Object B

Reference Variable.

Example:

```java
class A                                    // Parent Class
{
    int a = 10;
}

class B extends A                          // Child Class
{
    int a = 20;

    void show (int a)
    {
        sop ( a );          // 30
        sop ( this. a );    // 20
        sop ( super. a );   // 10.
    }
}

// Main class

public static void main (String args [])
{
    B obj = new obj B ();

    obj. show (30);

}
```

this keyword in Java	super keyword in Java
this is an implicit reference variable keyword used to represent the current class.	super is an implicit reference variable keyword used to represent the immediate parent class.
this is to invoke methods of the current class.	super is used to invoke methods of the immediate parent class.
this is used to invoke a constructor of the current class.	super is used to invoke a constructor of the immediate parent class.
this refers to the instance and static variables of the current class.	super refers to the instance and static variables of the immediate parent class.
this can be used to return and pass as an argument in the context of a current class object.	super can be used to return and pass as an argument in the context of an immediate parent class object.