Java Concept 51

- super is used to call parent class overridden method
- this is used to call child class overridden method

```
1   //fun() of parent class will
2   //be called
3   class Parent
4   {
5       void fun()
6       {...}
9   }
10
11  class Child extends Parent
12  {
13    void fun()
14    {...}
17    void call()
18    {
19      super.fun();
20    }
21  }
```

```
1   //fun() of child class will
2   //be called
3   class Parent
4   {
5       void fun()
6       {...}
9   }
10
11  class Child extends Parent
12  {
13    void fun()
14    {...}
17    void call()
18    {
19      this.fun();
20    }
21  }
```

```java
1   class Parent
2   {
3       int value = 100;
4       public void getInfo()
5       {
6           System.out.println("Parent");
7       }
8
9       public void value()
10      {
11          System.out.println("Parent value : "+value);
12      }
13  }
14
15  class Child extends Parent
16  {
17      public void getInfo()
18       {
19           System.out.println("Child");
20       }
21      public void callMethod()
22      {
23          //Parent class value() method is called
24          value();
25          //Child class getInfo method is called
26          getInfo();
27       //super is used to call parent class method
28       super.getInfo();
29       //this is used to call child class method
30       this.getInfo();
31      }
32  }
33
34
35  public class JavaConcept
36  {
37      public static void main(String args[])
38       {
39          Child ch_obj = new Child();
40          ch_obj.callMethod();
41       }
42  }
```

```
run:
Parent value : 100
Child
Parent
Child
```