

Use of super keyword to access super class instance variable from child class :

Syntax : super.variableName

```
2 By using super keyword we can access super class instance variable from base class
3 */
4 // super class
5 class Box {
6     int height=900;
7 }
8 // derived class of class Box
9 class Box1 extends Box{
10     int height=1000;
11 }
12 public void display() {
13     System.out.println(height); //1000
14     System.out.println(super.height); // It will display the value of height from Box class
15 }
16 }
17 }
18 // Main class
19 public class SuperVariable {
20 }
21 public static void main(String[] args) {
22     Box1 o1 = new Box1();
23     o1.display(); // op is 1000 , 900
24 }
25 }
26 }
```

Problems Javadoc Declaration Console x TestNG Coverage  
<terminated> SuperVariable [Java Application] C:\Users\Hp\p2\pool\plugins\org.eclipse.justi.openjdk.hotspot.jre.full.win32.x86\_64\_17.0.2.v20220201-1208\jre\bin\javaw.exe (10-Ja  
1000  
900

Use of super key word to access the super class method :

Syntax : super.methodName()

```
1•/****
2 By using super keyword we can access super class instance variable from base class
3 */
4 class Tringle { // This is the super class
5     int height=900;
6     public void heightval() {
7         System.out.println("Height is : "+ height);
8     }
9 }
10 class Tringle1 extends Tringle{ // Derived class of Tringle
11
12     public void disp() {
13         super.heightval(); // access the super class method
14     }
15 }
16 public class SuperMethod {
17     // main method
18     public static void main(String[] args) {
19         Tringle1 obj = new Tringle1();
20         obj.disp();
21     }
22 }
23
```

Problems Javadoc Declaration Console x TestNG Coverage  
<terminated> SuperMethod [Java Application] C:\Users\Hp\p2\pool\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86\_64.17.0.2.v20220201-1208\jre\bin\javaw.exe (10-  
Height is : 900

Invoking super class constructor using super keyword :

`super( );`

```
20/**
3 * Invoking super class constructor using super keyword
4 */
5 class BookDetails{
6     BookDetails(){ // super class constructor
7         String Bookname ="Let us C";
8         System.out.println(Bookname);
9     }
10 }
11
12 class BookDetails1 extends BookDetails{
13
14     BookDetails1(){ // constructor of base class
15         super(); // access the super constructor
16     }
17 }
18 public class SuperConst {
19
20     public static void main(String[] args) {
21         // TODO Auto-generated method stub
22         BookDetails1 obj = new BookDetails1(); // Let us c
23     }
24 }
25
```

Problems Javadoc Declaration Console x TestNG Coverage  
<terminated> SuperConst [Java Application] C:\Users\Hp\p2\pool\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86\_64\_17.0.2.v20220201-1208\jre\bin\javaw.exe (10-Ja  
Let us C