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*annotation.java X

```
1 package Annotation;
2 import java.util.ArrayList;
3 //we cannot make Two method inside interface because
4 //this is functional interface
5 @FunctionalInterface
6 interface abc{
7     public void show3();
8 }
9 class A {
10     public void show() {
11         System.out.println("in A");
12     }
13 class B extends A {
14     @Deprecated
15     public void show1() {
16     }
17     @Override
18     @SuppressWarnings("unchecked")
19     public void show() {
20         ArrayList obj=new ArrayList();
21         System.out.println("in B");
22     }
23 }
24 public class annotation {
25     public static void main(String[] args) {
26         B ob = new B();
27         ob.show();
28     }
29 }
```

Problems @ Javadoc Declaration Console X

<terminated> annotation [Java Application] C:\Program Files\Java\jdk-17.0.5\bin\javaw.exe (18-Feb-2023, 2:07:04 pm – 2:07:09 pm) [pid: 1264]

in B

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```
1 package Annotation;
2 import java.lang.annotation.Annotation;
3 import java.lang.annotation.ElementType;
4 import java.lang.annotation.Retention;
5 import java.lang.annotation.RetentionPolicy;
6 import java.lang.annotation.Target;
7 //Annotation does not have value inside body is called Maker Annotation
8 //Annotation have single value inside body is called Single Value Annotation
9 //Annotation have multiple value inside body is called Multi Value Annotation
10 @Target(ElementType.TYPE)
11 @Retention(RetentionPolicy.RUNTIME)
12 @interface Smartphone{
13     String os() default "Android";
14     int version() default 6;
15 }
16 @Smartphone(os="Android",version=6)// not Specify value than it take default value
17 class NokiaAPhone{
18     String model;
19     int size;
20     public NokiaAPhone(String model,int size) {
21         this.model=model;
22         this.size=size;
23     }
24     public class Annotation2 {
25         public static void main(String[] args) {
26             NokiaAPhone ob=new NokiaAPhone("Fire",5);
27             Class c=ob.getClass();
28             Annotation an=c.getAnnotation(Smartphone.class);
29             Smartphone s=(Smartphone)an;
30             System.out.println(s.os());
31         }
32     }
33 }
```

Problems Javadoc Declaration Console

<terminated> Annotation2 [Java Application] C:\Program Files\Java\jdk-17.0.5\bin\javaw.exe (18-Feb-2023, 2:37:58 pm – 2:38:04 pm) [pid: 3328]

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Smart Insert

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