Java Concept 49

- Overridden method in child class can not have different return type

```
1   //No Error
2   class Parent
3   {
4      void fun()
5      {...}
8   }
9   class Child extends Parent
10  {
11     void fun()
12     {...}
15  }
```

```
1   //Error
2   class Parent
3   {
4      void fun()
5      {...}
8   }
9   class Child extends Parent
10  {
11     int fun()
12     {...}
15  }
```

```
1   //Overriding  method with  same return  type
2   //No Error
3   class Parent
4   {
5      int value = 200;
6      void getDetails(String temp)
7      {
8          System.out.println("Parent : "+temp);
9      }
10  }
11
12  class Child extends Parent
13  {
14      void getDetails(String temp)
15      {
16       System.out.println("Child : "+temp);
17      }
18  }
19  public class JavaConcept
20  {
21      public static void main(String args[])
22        {
23          Child ch_obj = new Child();
24          ch_obj.getDetails("Overriding");
25        }
26  }
```

```
run:
Child : Overriding
```

```java
//Overriding  method with different return type
// Error
class Parent
{
   int value = 200;
   void getDetails(String temp)
   {
       System.out.println("Parent : "+temp);
   }
}

class Child extends Parent
{
    int getDetails(String temp)
    {
     System.out.println("Child : "+temp);
     return 0;
    }
}
public class JavaConcept
{
    public static void main(String args[])
     {
       Child ch_obj = new Child();
       ch_obj.getDetails("Overriding");
     }
}
```

Error- getDetails(String) in Child cannot override getDetails(String) in Parent
 int getDetails(String temp) return type int is not compatible with void