

Java Concept 13

- In Java inheritance When **Child** Class is initialized , **Child** class constructor **first calls Parent** class constructor

```
1 //smartPhone() calls phone()
2 class phone
3 {
4     phone()
5         {...}
6 }
7
8 class smartPhone extends phone
9 {
10     smartPhone()
11         {...}
12 }
```

```
1 //In Java inheritance When Child Class is initialized , Child class
2 //constructor first calls Parent class constructor
3 class GrandParent{
4     GrandParent(){
5         System.out.println("Inside GrandParent class");
6     }
7 }
8 class Parent extends GrandParent{
9     Parent(){
10         System.out.println("Inside Parent class");
11     }
12 }
13 class Child extends Parent{
14     Child(){
15         System.out.println("Inside Child class");
16     }
17 }
18 public class JavaConcept
19 {
20     public static void main(String args[])
21     {
22         new Child();
23     }
24 }
```

run:
Inside GrandParent class
Inside Parent class
Inside Child class