CONSTRUCTOR OVERLOADING IN INHERITANCE AND HEIRARCHY IN JAVA  
  
import javax.sound.midi.Soundbank;  
import java.sql.SQLOutput;  
import java.util.Arrays;  
import java.util.Scanner;  
import java.util.Random;  
  
class base {  
  
  
  
 public base(){  
 System.*out*.println("base class constructor ");  
 }  
 public base(int x){  
  
 System.*out*.println("base class overloaded constructor value is "+ x);  
 }  
  
  
}  
class derived extends base {  
 public derived(){  
  
 System.*out*.println("derived class constructor");  
 }  
  
 public derived(int x,int y){  
 super(x);  
 System.*out*.println("derived class overloaded constructor value is "+y);  
 }  
}  
class child extends derived{  
 public child(){  
 System.*out*.println("im a child of derived class constructor");  
 }  
 public child(int x, int y,int z){  
 super(x,y);  
 System.*out*.println("child class overloaded constructor value is "+z);  
 }  
}  
public class Main {  
 public static void main(String[] args) throws java.lang.Exception{  
  
 child a=new child();  
 child c=new child(4,5,9);  
  
  
 }  
  
}