Chapter 10 Method Overloading by Munawar

If the child class implements the same method present in the parent class again, it is known as method overloading.

<p style="color:red; text-align:center">Redefining method of the super class (in sub class)</p>

When an object of subclass is created and the override method is called the method which has been implemented in the subclass is called and its code is executed.

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Source Code

```java
import javax.swing.plaf.synth.SynthTextAreaUI;
import java.util.Scanner;

class A{
    public int ali(){
        return 148;
    }

    public void mathod2(){
        System.out.println("I a am method 2 of clasa A");
    }
}
class B extends A{

    public void method3(){
        System.out.println("I am constructor of class B and method 3");
    }
    @Override
    public void mathod2(){
        System.out.println("I a am method 2 of clasa B");
    }
}

public class Main {
    public static void main (String [] args) {
//        A a=new A();
//        a.mathod2();
//
//        B b=new B();
//        b.mathod2();
```

```
        B newB=new B();
        newB.mathod2();

        A newA=new A();
        newA.mathod2();

    }

}
```

Thank You