Oops

Went through oops concepts such as

Polymorphism

Class

Inheritance

Encapsulation

Eg:

**class** Bike{

**void** run()

{

System.out.println("running");

}

}

**class** Splendor **extends** Bike

{

**void** run()

{

System.out.println("running safely with 60km");

}

**public static void** main(String args[])

{

Bike b = **new** Splendor();//upcasting

b.run();

}

}

**Runtime Polymorphism Example #2:**

**class** Bike

{

**int** speedlimit=90;

}

**class** Honda3 **extends** Bike

{

**int** speedlimit=150;

**public static void** main(String args[]){

Bike obj=**new** Honda3();

System.out.println(obj.speedlimit);//90

}

}

Eg:

class SimpleCalculator

{

int add(int a, int b)

{

return a+b;

}

int add(int a, int b, int c)

{

return a+b+c;

}

}

public class Demo

{

public static void main(String args[])

{

SimpleCalculator obj = new SimpleCalculator();

System.out.println(obj.add(10, 20));

System.out.println(obj.add(10, 20, 30));

}

}