```
1 package Single;
  3 public class Bike extends Company {
        String bname, model;
        double price;
       Bike(int wheel, String name, String bname,
  9
10
                       String model, double price) {
            super(wheel, name);
11
            this.bname≈bname;
12
            this.model=model;
13
           this.price=price;
14
```

```
1 package Single;
 3 public class MainDriver {
        public static void main(String[] args) {
    Bike b1=new Bike(2, "Bajaj", "Pulsar", "NS-200", 120000);
  6
  7
  8
            System.out.println("Company: "+b1.name);
 9
            System.out.println("Bike Name : "+b1.bname);
10
            System.out.println("Model : "+b1.model);
11
           System.out.println("Price : "+b1.price);
12
13
14}
15
0 117
                         Q 5000
                                    WIL DECEMBER
```

```
1 package Single;
El CANO
 DI QUI DE COLLAGO DE C
                                                                                                                              3 public class Company extends Vehicle {
                                                                                                                                        5
                                                                                                                                                                                                            Company(int wheel, String name)
                                                                                                                                             6
                                                                                                                                                    8
                                                                                                                                                                                                                                                                                   super(wheel);
                                                                                                                                                       9
                                                                                                                                                                                                                                                                                    this.name=name;
                                                                                                                                                10
                                                                                                                                                 11}
                                                                                                                                                        12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  W - 0 = 0 = 0 = 0 .
```

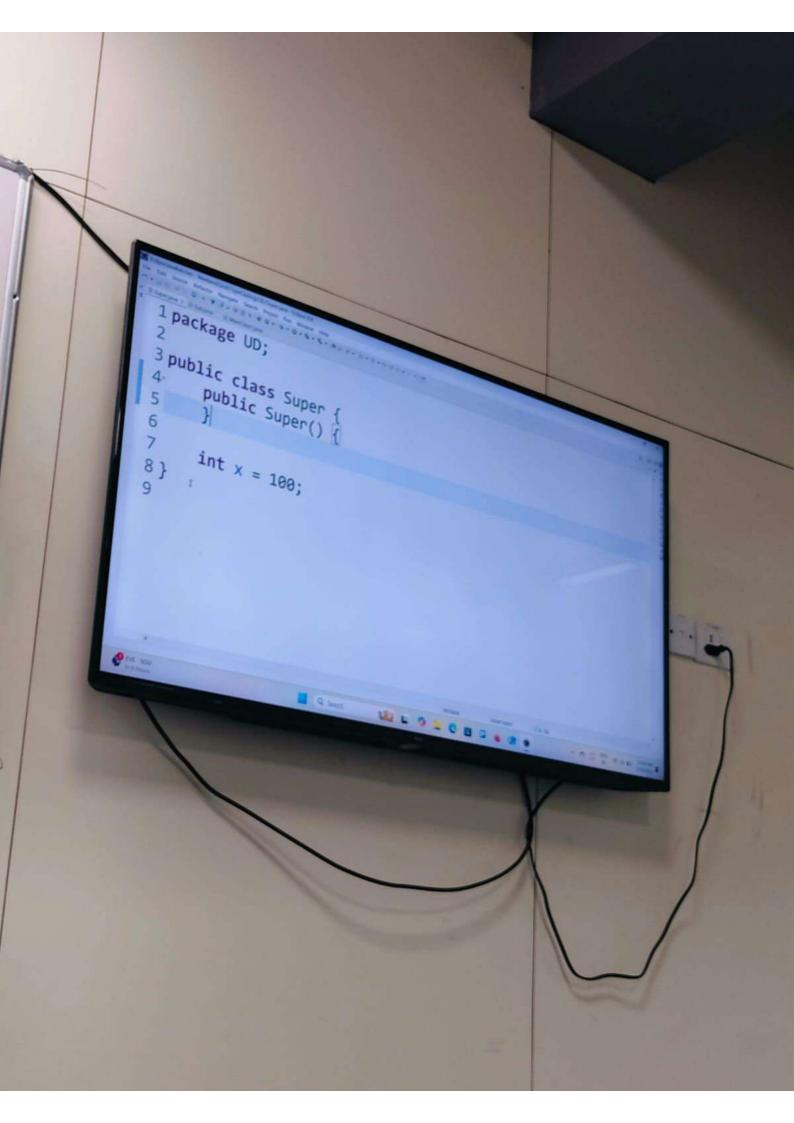
```
1 package Single;
 3 public class Vehicle {
        int wheel;
        public Vehicle() {
    System.out.println("Vehicle Types");
  6
 7
 8-
       public Vehicle(int wheel) {
 9
10
            //super();//-->Object class
11
            this.wheel = wheel;
12
13 }
14
                         Windsons .
```

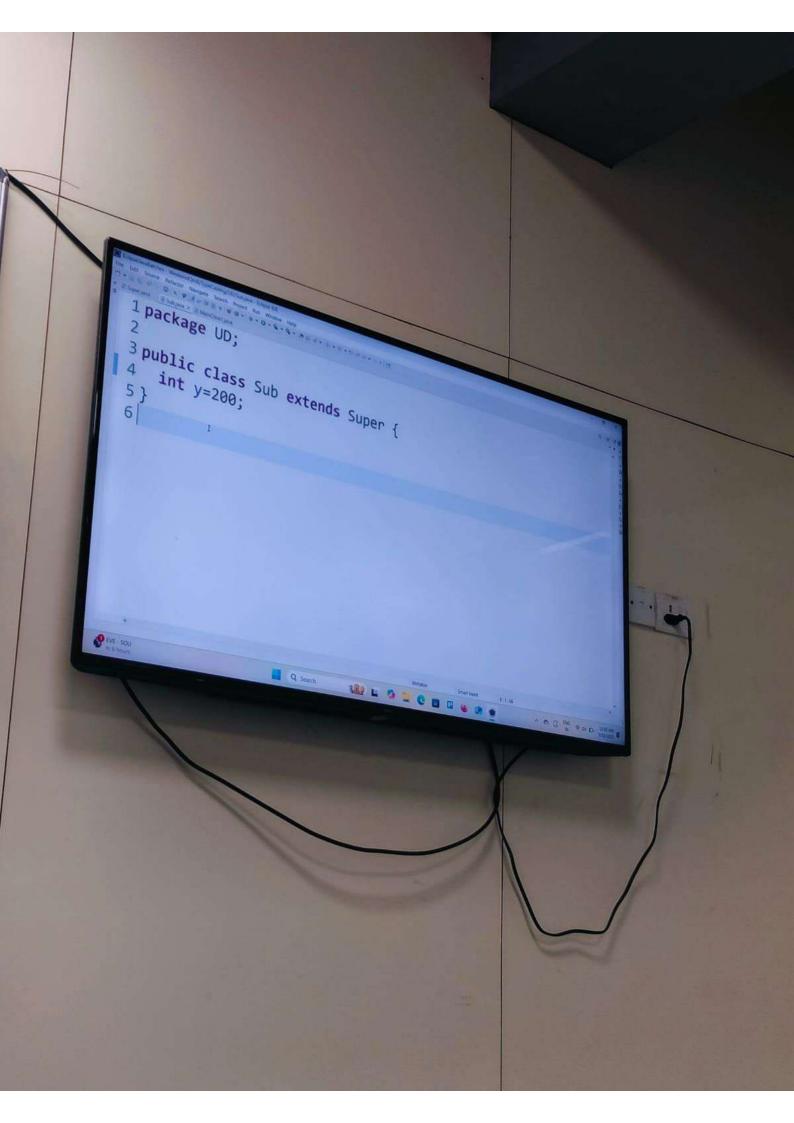
```
1 package Hierarchical;
 3 public class Zomato {
       String un;
       long cno;
 6
 7.
       public Zomato(String un, long cno) {
 8
 9
           this.un = un;
10
           this.cno = cno;
11
12
13)
14
                     Q Sand
```

```
1 package Hierarchical;
   3 public class R1 extends Zomato {
         public R1(String un, long cno) {
   6
   7
   8
  9.
         public void order()
 10
 11
             System.out.println("KFC");
 12
            System.out.println("User: "+un+", Num: "+cno);
13
            System.out.println("Delivery Boy1 is on the way");
14
15
O Heavy race
Socials
                      Q 500
                                Wroscane.
```

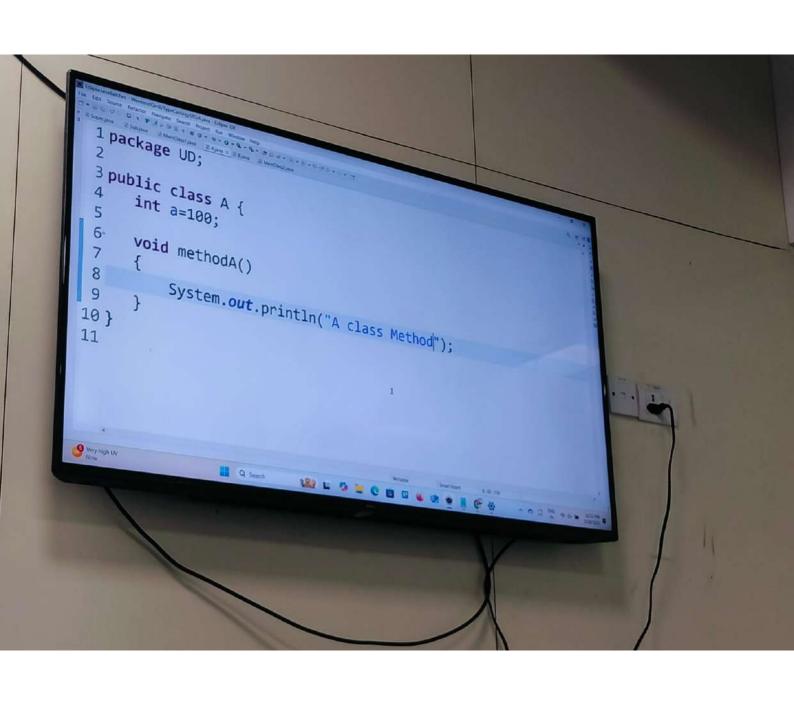
```
1 package Hierarchical;
    3 public class R2 extends Zomato{
         public R2(String un, long cno) {
    6
   7
   8
   9.
         public void order()
 10
 11
            System.out.println("Bilal");
 12
            System.out.println("User: "+un+", Num: "+cno);
 13
            System.out.println("Delivery Boy2 is on the way");
14
752
CAL AAL
                     Q See
                              WLOECHD .
```

```
6
             String choice="Bilal";
  7
             switch (choice) {
  8
             case "KFC":{
  9
10
                  R1 r1=new R1("Dilip", 9090908989L);
11
12
13
              case "Bilal":{
14
15
                  R2 r2=new R2("Dilip", 9090908989L);
16
17
18
                  break;
              default:
19
20
                  System.out.println("Invalid Choice");
Trending videos
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                                    14 L 0 = C B B 0 0 0 0
```



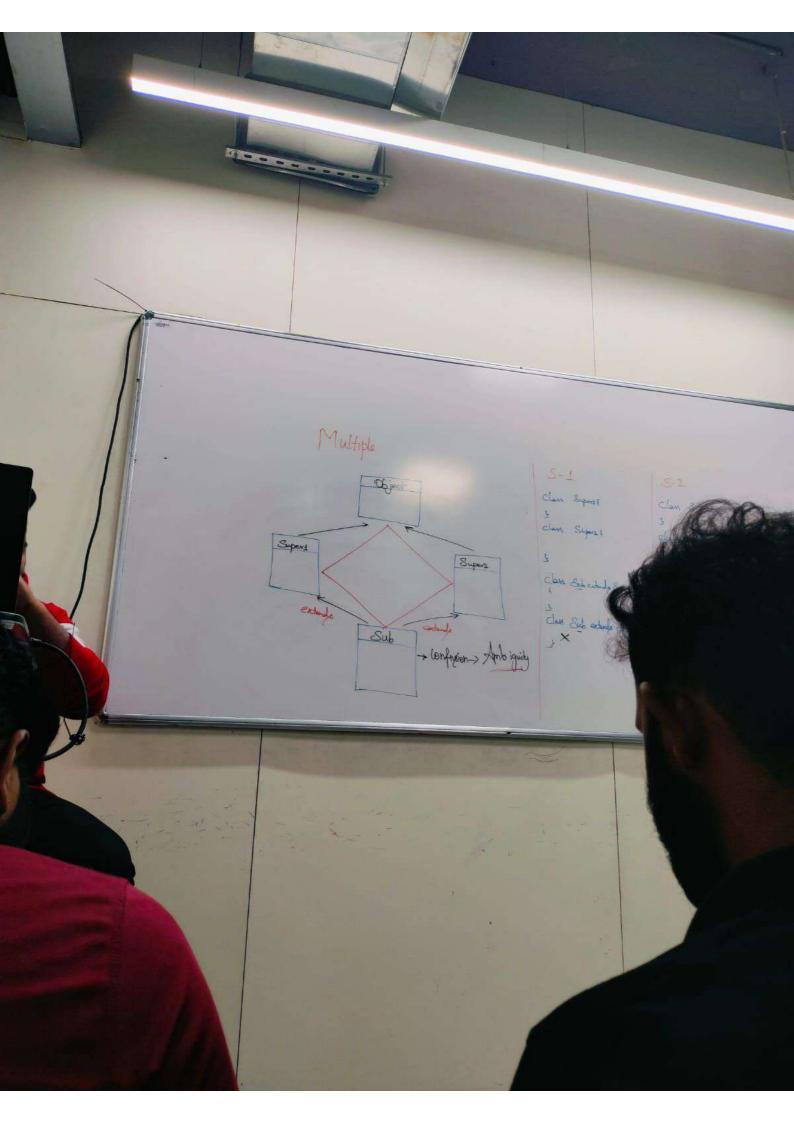


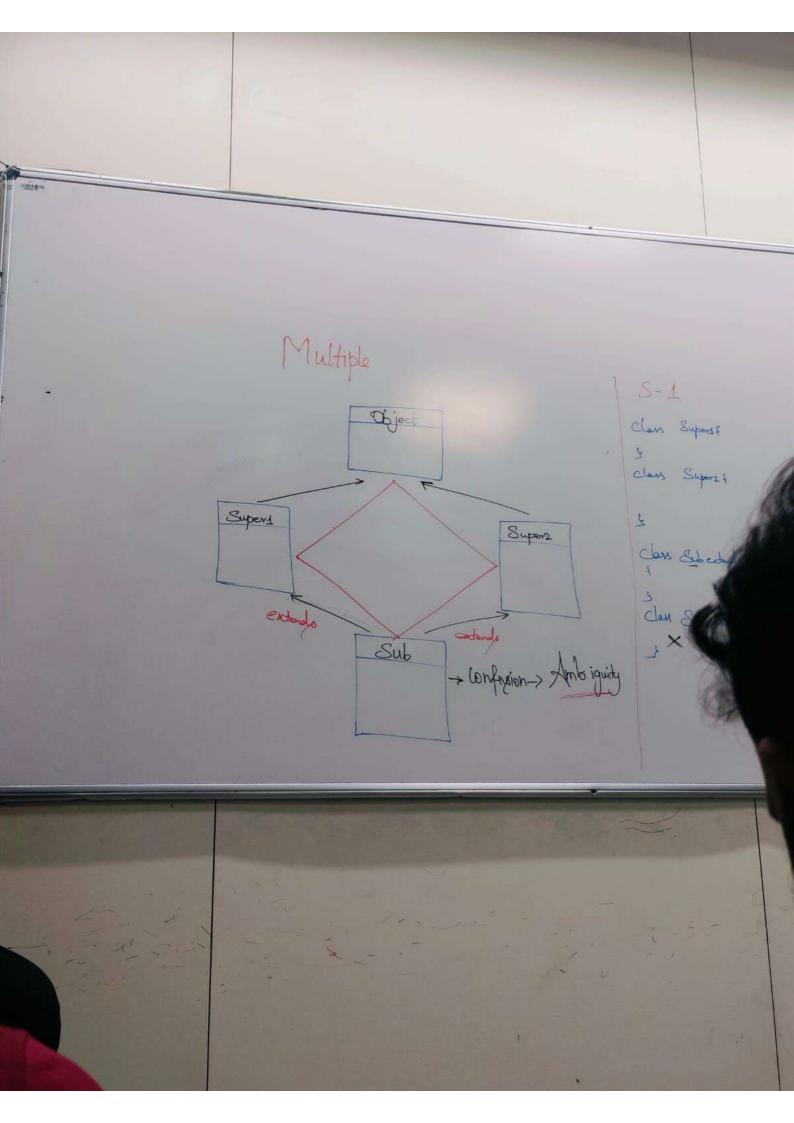
```
1 package UD;
   3 public class MainClass1 {
        public static void main(String[] args) {
  6
  7
  8
            System.out.println(s1);
  9
            System.out.println("int x = "+s1.x);
10
           //System.out.println("int y = "+s1.y);CTE
11
12
13 }
14
                              W L D E C B C . a .
```

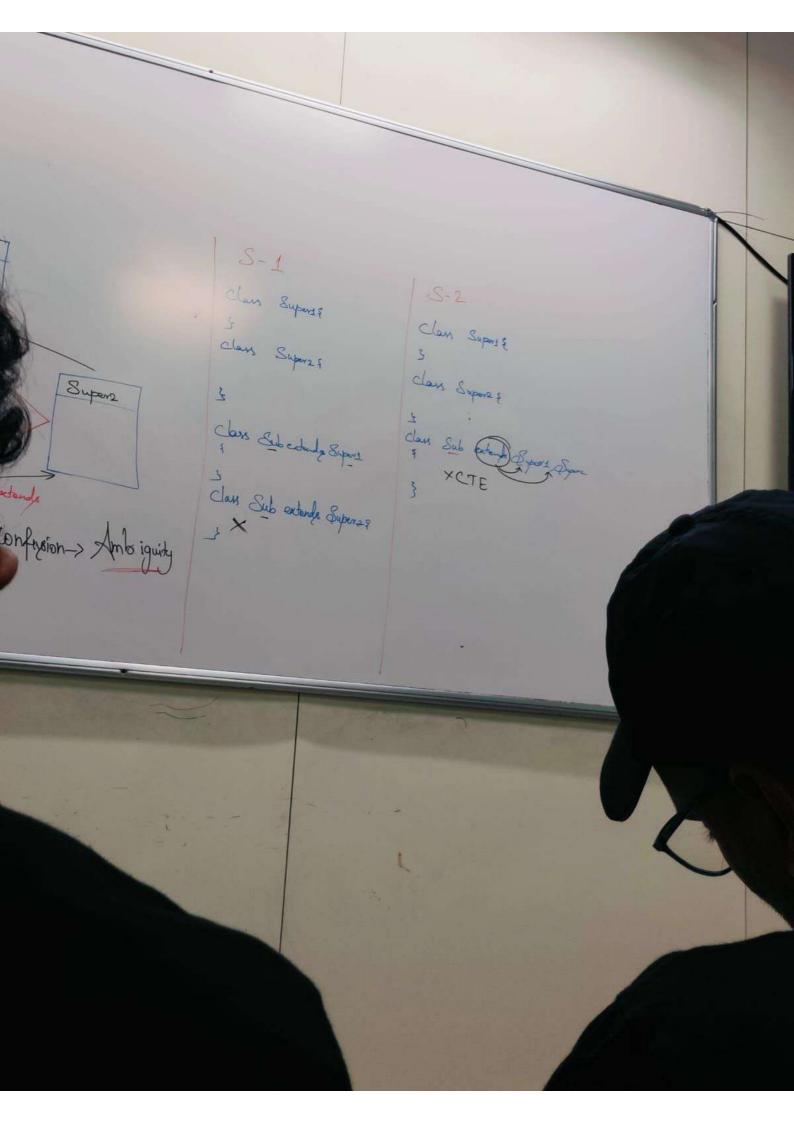


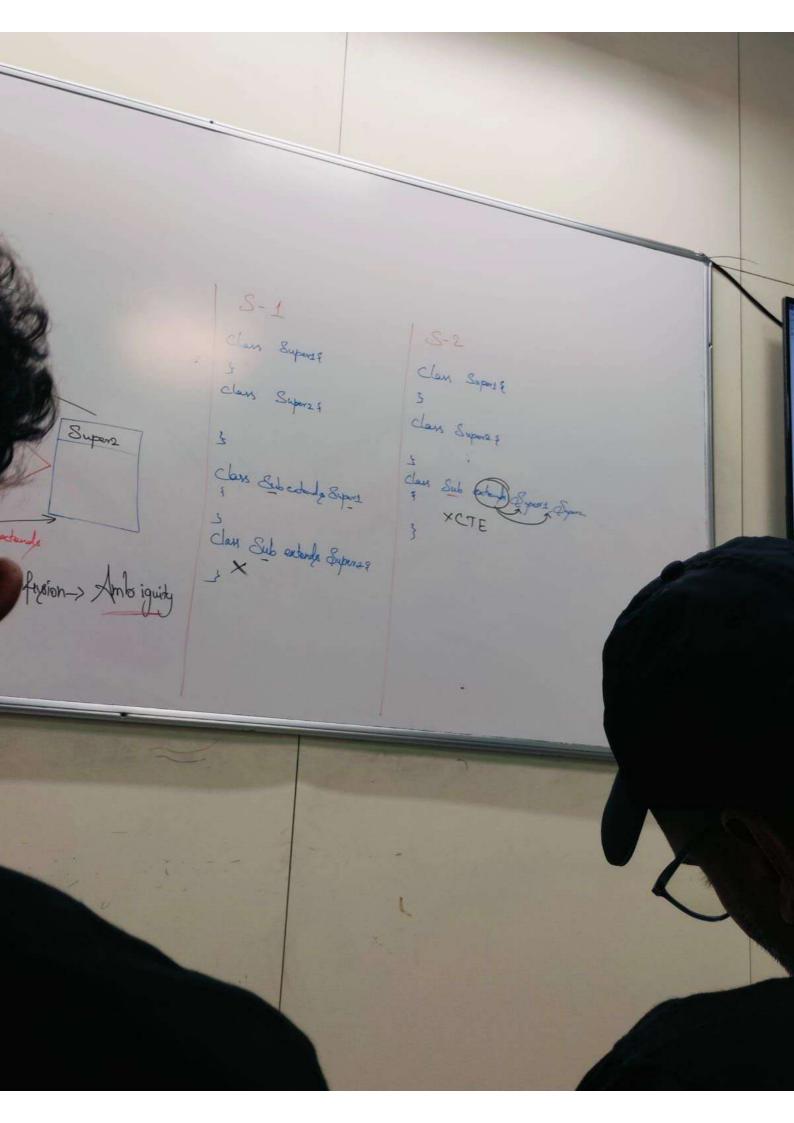
```
1 package UD;
3 public class B extends A {
int b=200;
    void methodB()
8
       System.out.println("B class Method");
9
10 }
11
                       WEST CHURCH
```

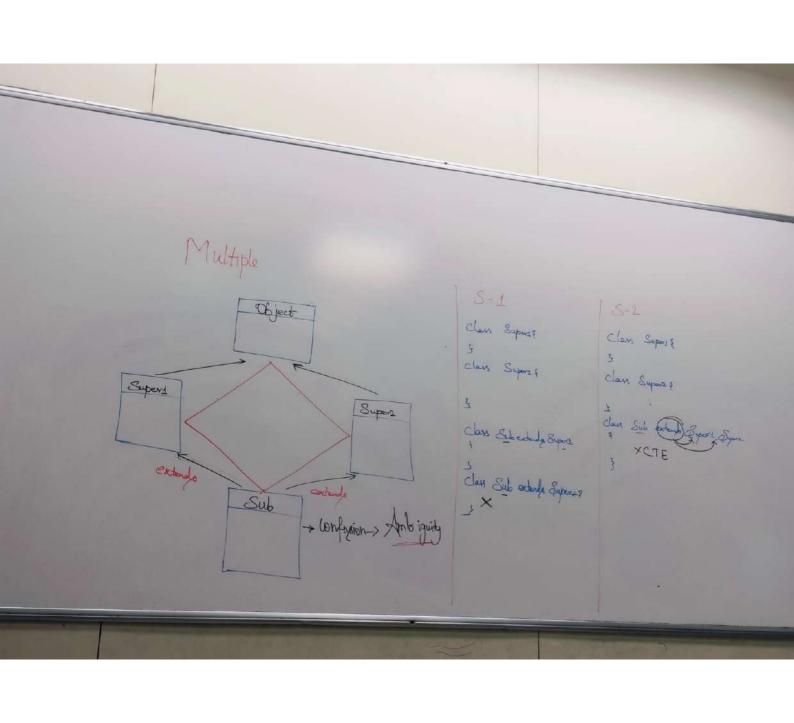
```
3 public class MainClass2 {
       public static void main(String[] args) {
 6
 7
 8
           A a=new B();
 9
           A a1=new A();
10
           //Downcasting
11
           if (a instanceof B) {
12
                System.out.println("Downcasting");
13
14
                System.out.println(b.a);
15
                System.out.println(b.b);
16
                b.methodA();b.methodB();
17
                           180 L 9 2 C B C C 0 0 1 6 9
```

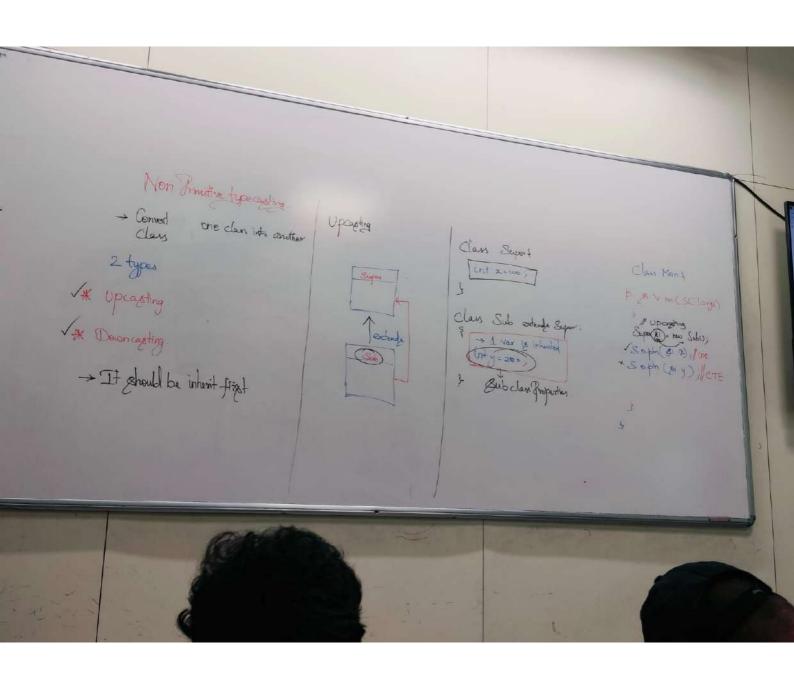




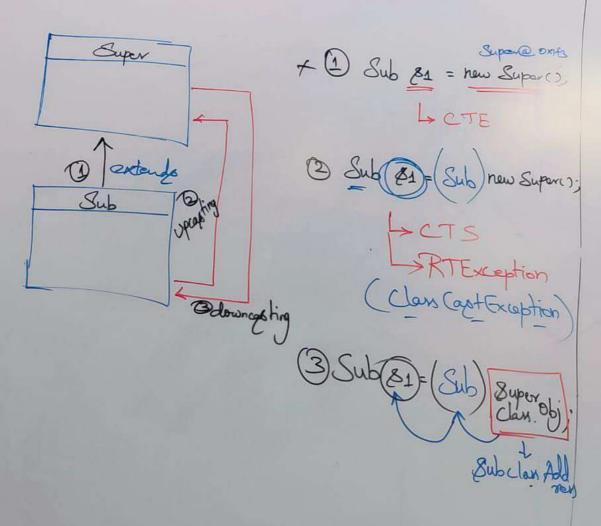








Downcasting



Upcaptin

