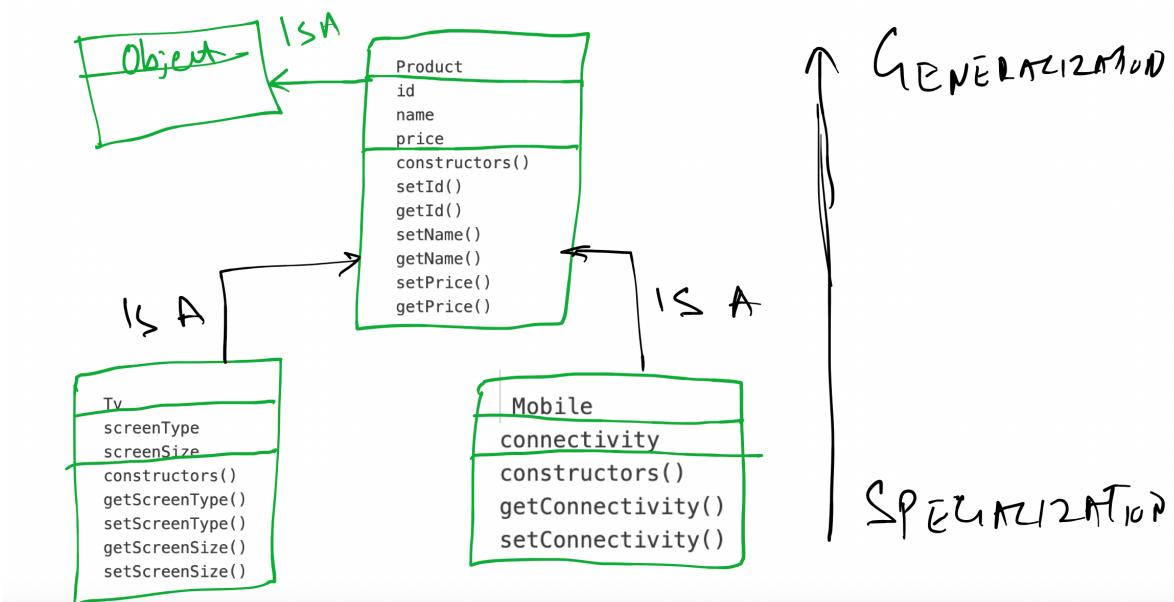
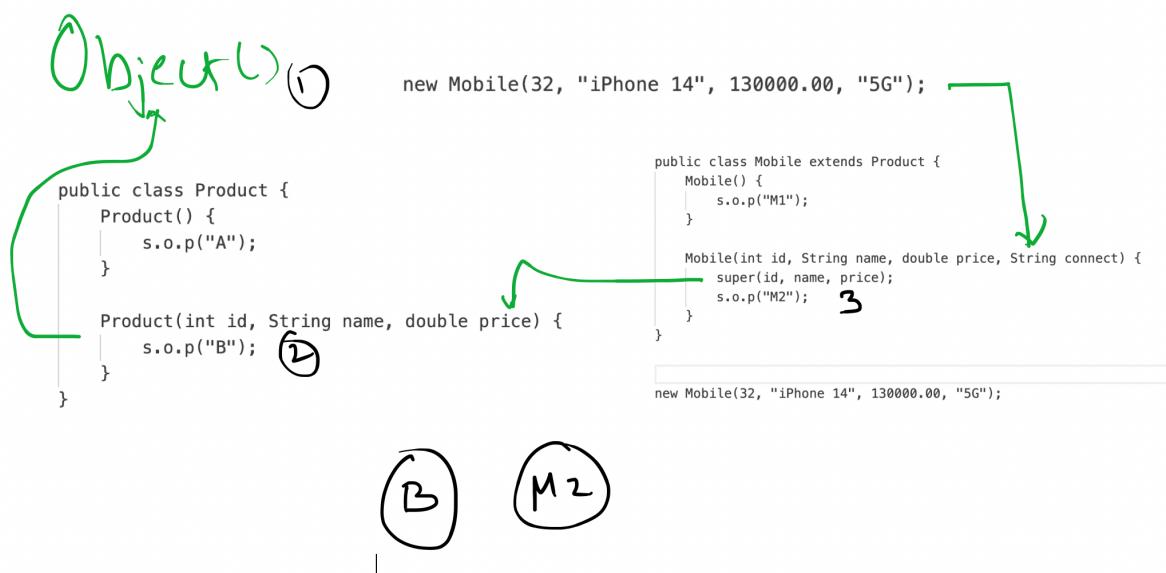
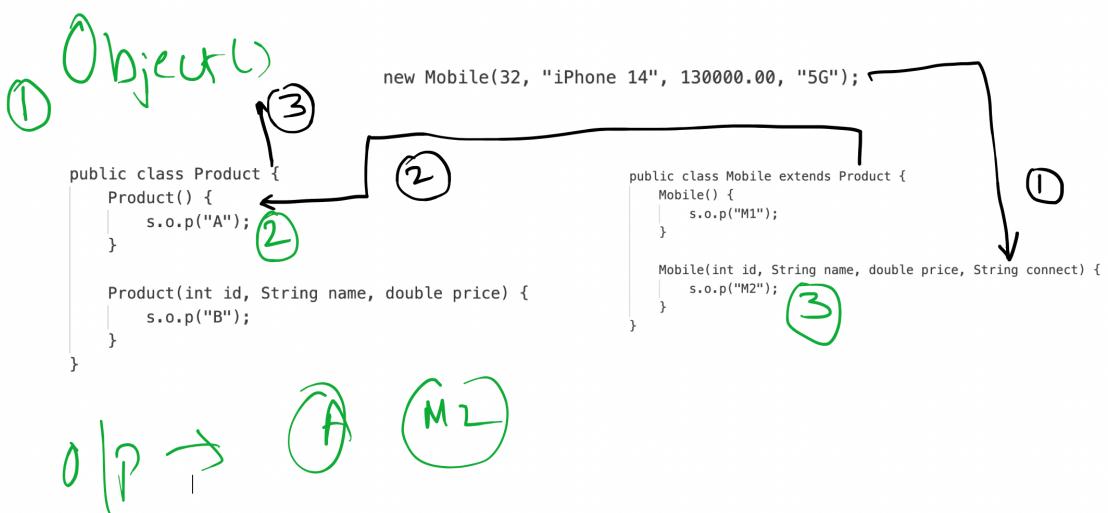
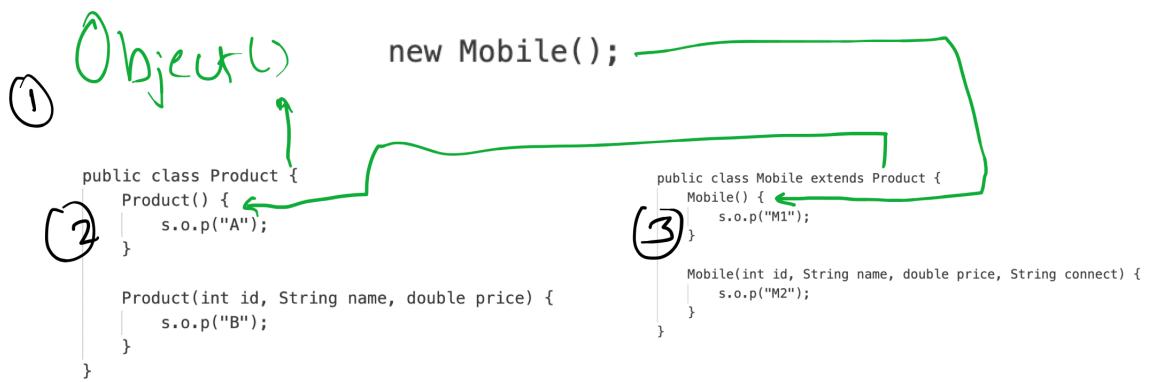
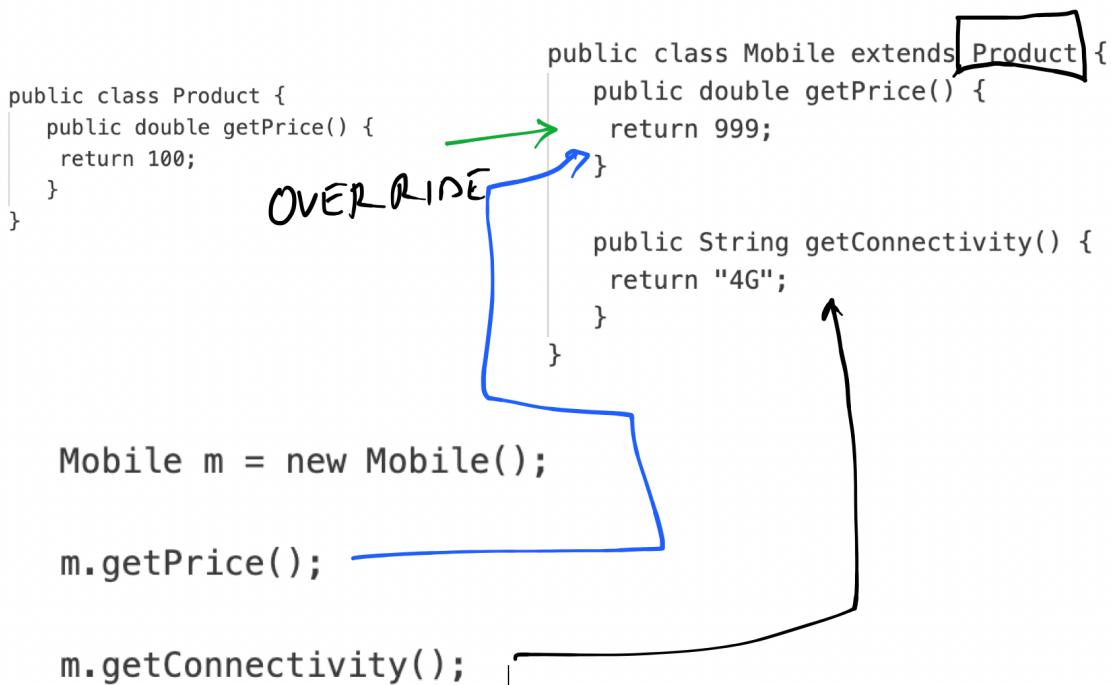


Generalization and Specialization using Inheritance:







```

public class Product {
    public double getPrice() {
        return 100;
    }
}

public class Mobile extends Product {
    public String getConnectivity() {
        return "4G";
    }
}

Product m = new Mobile();

m.getPrice(); ✓

m.getConnectivity(); ✗

```

TV

- OTT ✓
- Netfli ✓
- Hotstar ✓
- PRIME ✓

ON | OFF

INC | DEC VOL

CHANGE CHANNEL

```
public class Product {  
    public double getPrice() {  
        return 100; X  
    }  
}
```

```
public class Mobile extends Product {  
    public double getPrice() {  
        return 100;  
    }  
    public String getConnectivity() {  
        return "4G";  
    }  
}
```

Product m = new Mobile();  
m.getPrice(); ✓  
~~m.getConnectivity();~~ X

= Polymorphism  
= Dynamic Binding

