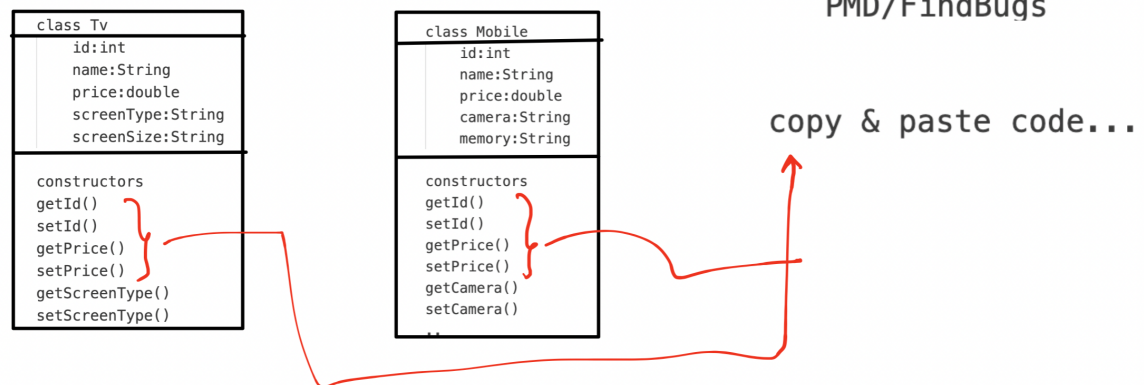
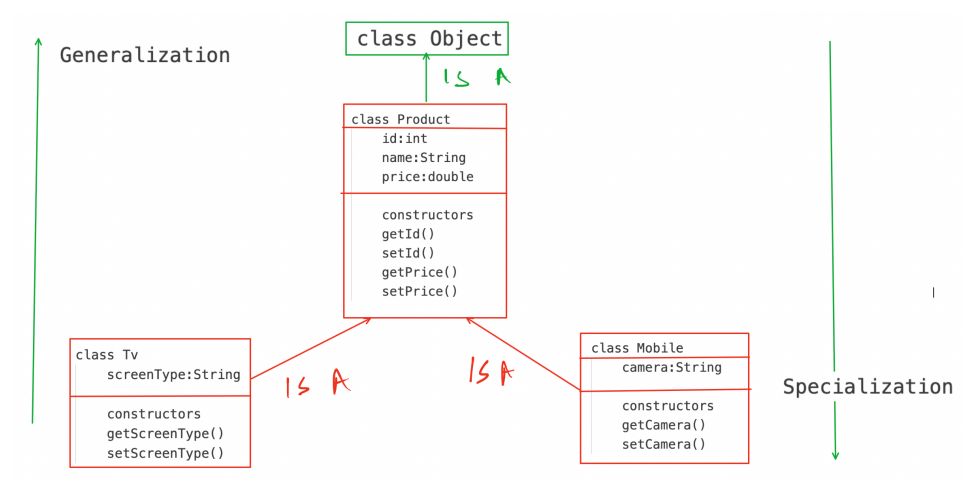


Problem: Copy and Paste



Solution: Code reusability using Generalization and Specialization relationship
Generalization and Specialization is done using **Inheritance** in programming



```
class Product {
    private int id;
    private String name;
    private double price;
}

public class Mobile extends Product {
    private String connectivity;
}

new Mobile(); // check PDF
```

Handwritten green annotations: a bracket groups the private fields in Product, and a green box highlights the Mobile class definition and its constructor call.

id	name	price	connectivity
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