Chapter 8 OOPS Terminologies by Munawar

1. Abstraction

Hiding internal details.

(Show only essential information)

2. Encapsulation

The act of putting various components together (in a capsule).

Laptop is a single entity with Wi-Fi + speaker + storage in a single box.

In java, encapsulation simply means that the sensitive data can be hidden from the users.

3. Inheritance

The act of deriving new things from existing things.

Rickshaw -----------------> E-Rich saw

Phone -----> smart phone

Note (Implement DRY)

4. Polymorphism

On entity many forms.

Smartphone -----------------> Phone

Smartphone --------- > Calculation

Source Code

```
import javax.swing.plaf.synth.SynthTextAreaUI;
import java.util.Scanner;
public class Main {
    public static void main(String[] args) {
// No Code only theory discuss


    }

}
```

Thank You