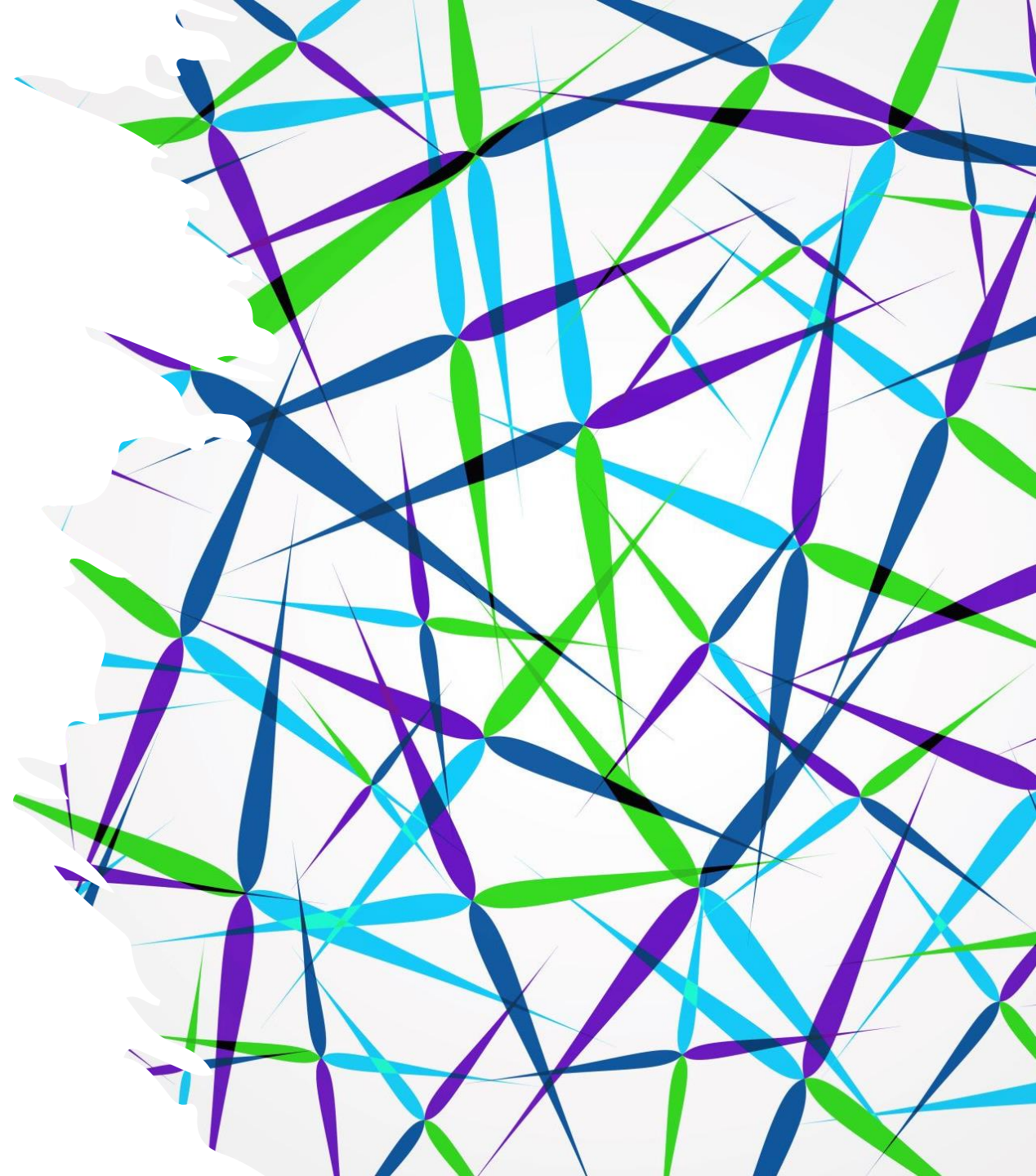# L3_OOPD_Java

PUSHPENDRA SINGH

Class (in Java)

```
class ClassName
{
    field1
    field2
    . . .
    constructor1
    constructor2
    . . .
    method1
    method2
}
```

```
class Employee
{
    // instance fields
    private String name;
    private double salary;
    private LocalDate hireDay;

    // constructor
    public Employee(String n, double s, int year, int month, int day)
    {
        name = n;
        salary = s;
        hireDay = LocalDate.of(year, month, day);
    }


    // a method
    public String getName()
    {
        return name;
    }
}
```

Class

- Constructors
  - Same name as the class
  - Could be multiple constructors for the same class
  - Used to initialize the object
- Only one public class in a file
  - File name needs to be same as class name

Reference

- Horstmann, Cay S.. Core Java, Volume I (p. 241). Pearson Education. Kindle Edition.