

**Practical 03**

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//Exercise 3-1

```
public class TestClass {  
    private int age;  
    private float salary;  
    private String name;  
    public int getAge() {  
        return age;  
    }  
    public void setAge(int age) {  
        this.age = age;  
    }  
    public float getSalary() {  
        return salary;  
    }  
    public void setSalary(float salary) {  
        this.salary = salary;  
    }  
    public String getName() {  
        return name;  
    }  
    public void setName(String name) {  
        this.name = name;  
    }  
}
```

//Exercise 3-1

```
public class TestClass {  
    private int age;  
    private float salary;  
    private String name;  
    public TestClass(int age, float salary, String name) {  
        this.age = age;  
        this.salary = salary;  
        this.name = name;  
    }  
    public int getAge() {  
        return age;  
    }  
    public float getSalary() {  
        return salary;  
    }  
    public String getName() {  
        return name;  
    }  
}
```

#### Exercise 3-2

```
public class EncapsulationDemo {  
    private String empName;  
    private float basicSalary, bonus;  
    //Getter and Setter methods  
    public String getEmpName(){  
        return empName;  
    }  
    public void setEmpName(String newValue){  
        empName = newValue;  
    }  
}
```

```

}

public float getBasicSalary() {
return basicSalary;
}

public void setBasicSalary(float basicSalary) {
this.basicSalary = basicSalary;
}

public float getBonus() {
return bonus;
}

public void setBonus(float bonus) {
this.bonus = bonus;
}

public float bonusAmmount(){
return basicSalary+bonus;
}
}

public class EncapsTest {
public static void main(String[] args) {
EncapsulationDemo obj = new EncapsulationDemo();
obj.setEmpName("Mario");
System.out.println("Employee Name: " + obj.getEmpName());
obj.setBasicSalary(1000f);
System.out.println("Basic Salary: "+obj.getBasicSalary());
obj.setBonus(500f);
System.out.println("Bonus: "+obj.getBonus());
System.out.println("Bonus Ammount: "+obj.bonusAmmount());
}
}

```