

### Practical 03

//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());  
  
    }  
}
```