

Hibernate – Level-1 Task

Based on the “code shared”

Create and save following entity

```
import java.time.LocalDate;

public class Product {

    private int productCode;
    private String name;
    private int cost;
    private LocalDate dom;
    private LocalDate doe;
    private String category;
}
```

- 1) Save Product
- 2) Get Product by productCode

Level – 2

Add a class Certificate to the Product class like below , as Embeddable

```
6 @Embeddable
7 public class Certification {
8     @Column(name="CertificationName",nullable = false)
9     private String name;
10    private String status;
```

Objective – 2

Create vendor Class and establish one to One relationship between Product & vendor entity

Objective – 3 (Level-3)

Create Order class and establish one to Many relationship with Product
Also implement BiDirectional relationship with Product class

```
11 class Order
12 {
13     private int orderId;
14     private String customerName;
15     private int orderValue;
16     private LocalDate orderDate;
17     private String status ; // dispatched , delivered , pending |
18     private Product product;
19 }
20
```