

ENCAPSULATION CODE AND UML DIAGRAM

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NB TRAINING

AMAZON

Code:

```
namespace Amazon
```

```
class Product
```

```
{  
    private String product_name;  
    private String product_brand;  
    private int price;  
  
    public void Product_Name()  
    {  
        //Todo  
    }  
    public void Product_Brand()  
    {  
        //Todo  
    }  
    public void Product_Price()  
    {  
        //Todo  
    }  
}
```

```
class Customer
```

```
{  
    private String customer_name;  
    private String customer_ID;  
    private long customer_Number;  
  
    public void Customer_name()  
    {  
        //Todo  
    }  
    public void Customer_ID()  
    {  
        //Todo  
    }  
    public void Customer_Number()  
    {  
        //Todo  
    }  
}
```

```
class Employee
```

```
{  
    private String employee_name;  
    private String employee_id;  
    private int employee_salary;  
  
    public void Employee_name ()  
    {
```

```

        //Todo
    }
    public void Employee_id()
    {
        //Todo
    }
    public void Employee_Salary()
    {
        //Todo
    }
}

class Seller
{
    private String seller_name;
    private String seller_location;
    private int seller_income;

    public void seller_name()
    {
        //Todo
    }
    public void seller_location()
    {
        //Todo
    }
    public void seller_income()
    {
        //Todo
    }
}

```

UML Daigram:

Namespace Amazon

Product
<ul style="list-style-type: none"> - Product_Name : String - Product_Brand : String - Product_ID : String - Product_Price : int - Product_Specs : String
<ul style="list-style-type: none"> + Product_Name() : String + Product_Brand() : String + Product_ID() : String + Product_Price() : int + Product_Specs() : String
Customer
<ul style="list-style-type: none"> - Customer_Name : String - Customer_Address : String

- Customer_ID : String
 - Customer_Number : long
 - Customer_Category : String
-
- + Customer_Name() : String
 - + Customer_Address() : String
 - + Customer_ID() : String
 - + Customer_Number() : long
 - + Customer_Category() : String

Employee

- EmployeeName : String
 - EmployeeContact : long
 - EmployeeID : String
 - EmployeeSalary : int
 - EmployeeDesignation : String
-
- + EmployeeName() : String
 - + EmployeeContact() : long
 - + EmployeeID() : String
 - + EmployeeSalary() : int
 - + EmployeeDesignation() : String

Category

- Fashion : String
 - Brand : String
 - Electronic : String
 - Discount : int
 - Grocery : String
-
- + Fashion() : String
 - + Brand() : String
 - + Electronic() : String
 - + Discount() : int
 - + Grocery() : String

Seller

- SellerName : String
 - SellerLocation : String
 - SellerID : String
 - SellerContact : int
 - SellerIncome : String
-
- + SellerName() : String
 - + SellerLocation() : String
 - + SellerID() : String
 - + SellerContact() : int
 - + SellerIncome() : String

