

Amazon

Employee class

Code

```
class Employee
{
    private string employeeName;
    private string employeeID;
    private string designation;
    private string department;
    private uint salary;

    public void EmployeeRecruitment()
    {
        //todo
    }

    public void EmployeeEndOfService()
    {
        //todo
    }

    public void EmployeeContribution()
    {
        //todo
    }

    public void DisplayEmployee()
    {
        //todo
    }

    public void EmployeeDocumentation()
    {
        //todo
    }
}
```

UML Diagram

Employee class

```
-employeeName : string
-employeeID : string
-designation : string
-department : string
-salary : uint

+ EmployeeRecruitment() : void
+ EmployeeEndOfService() : void
+ EmployeeContribution() : void
+ DisplayEmployee() : void
+ EmployeeDocumentation() : void
```

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Customer class

Code

```
class Customer
{
    private string customerName;
    private string customerID;
    private string customerAddress;
    private ulong customerContactNumber;
    private string customerMailID;

    public void AddCustomer()
    {
        //todo
    }

    public void DeleteCustomer()
    {
        //todo
    }

    public void CustomertActivity()
    {
        //todo
    }

    public void DisplayCustomer()
    {
        //todo
    }

    public void CustomerTransactions()
    {
        //todo
    }
}
```

UML Diagram

Customer class

- customerName : string
- customerID : string
- customerAddress : string
- customerContactNumber : ulong
- customerMailID : string

+ AddCustomer() : void
+ DeleteCustomer() : void
+ CustomertActivity() : void
+ DisplayCustomer() : void
+ CustomerTransactions() : void

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Product class

Code

```
class Product
{
    private string productCategory;
    private string productBrand;
    private string productID;
    private string productName;
    private uint productPrice;

    public void AddProduct()
    {
        //todo
    }

    public void DeleteProduct()
    {
        //todo
    }

    public void DisplayProduct()
    {
        //todo
    }

    public void ProductSales()
    {
        //todo
    }

    public void ProductRelativePerformance()
    {
        //todo
    }
}
```

UML Diagram

Product class

- productCategory : string
- productBrand : string
- productID : string
- productName : string
- productPrice : uint

+ AddProduct() : void
+ DeleteProduct() : void
+ DisplayProduct() : void
+ ProductSales() : void
+ ProductRelativePerformance() : void

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Seller class

Code

```
class Seller
{
    private string sellerName;
    private string sellerID;
    private string sellerAddress;
    private ulong sellerContactNumber;
    private string sellerMailID;

    public void AddSeller()
    {
        //todo
    }

    public void DeleteSeller()
    {
        //todo
    }

    public void DisplaySeller()
    {
        //todo
    }

    public void SellerTransactions()
    {
        //todo
    }

    public void SellerRelativePerformance()
    {
        //todo
    }
}
```

UML Diagram

Seller class

- sellerName : string
- sellerID : string
- sellerAddress : string
- sellerContactNumber : ulong
- sellerMailID : string

+ AddSeller() : void
+ DeleteSeller() : void
+ DisplaySeller() : void
+ SellerTransactions() : void
+ SellerRelativePerformance() : void

Amazon

DeliveryPartner class

Code

```
class DeliveryPartner
{
    private string deliveryPartnerName;
    private string deliveryPartnerID;
    private string deliveryPartnerAddress;
    private ulong deliveryPartnerContactNumber;
    private string deliveryPartnerMailID;

    public void AddDeliveryPartner()
    {
        //todo
    }

    public void DeleteDeliveryPartner()
    {
        //todo
    }

    public void DisplayDeliveryPartner()
    {
        //todo
    }

    public void DeliveryPartnerTransactions()
    {
        //todo
    }

    public void DeliveryPartnerPerformance()
    {
        //todo
    }
}
```

UML Diagram

DeliveryPartner class

- deliveryPartnerName : string
- deliveryPartnerID : string
- deliveryPartnerAddress : string
- deliveryPartnerContactNumber : ulong
- deliveryPartnerMailID : string

+ AddDeliveryPartner() : void
+ DeleteDeliveryPartner() : void
+ DisplayDeliveryPartner() : void
+ DeliveryPartnerTransactions() : void
+ DeliveryPartnerPerformance() : void