Java Day6

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16890

1.

```
public boolean registerCustomer(Customer c) {
```

```
countcustomer--;
    return true;
}

return false;
}

public int getSize() {
    return size;
}

public void setSize(int size) {
    this.size = size;
}

public int getCustomerId() {
    return customerId;
}

public void setCustomerId (int customerId) {
    this.customerId = customerId;
}

public int getCountcustomer() {
    return countcustomer;
}

public void setCus(Customer[] cus) {
    this.cus = cus;
}
```

2.

```
package Assignment6;
import Assignment1.LTV;
import Assignment2.Customer;
import Java.time.LocalDate;
import java.util.Scanner;
public class Bank implements Maker,Operator{
    private int size = 10;
    private int countcustomer = 0;
    private LoanProduct[] loan = new LoanProduct[size];
    private Customer[] cus = new Customer[size];
    private static int customerId;
    public boolean registerCustomer(Customer c) {
        this.cus[countcustomer] = c;
        countcustomer++;
        if(countcustomer < size) {</pre>
```

```
public boolean findCustomer(Customer c){
```

```
public int getSize(){
private PropertyOwnership propertyOwnership;
```

```
private double carpetArea;
public PropertyPurpose getPropertyPurpose() {
public void setPropertyPurpose(PropertyPurpose propertyPurpose) {
public PropertyOwnership getPropertyOwnership() {
public void setPropertyOwnership(PropertyOwnership propertyOwnership) {
public void setBuiltUPArea(double builtUPArea) {
   this.builtUPArea = builtUPArea;
public double getCarpetArea() {
public void setCarpetArea(double carpetArea) {
   this.carpetArea = carpetArea;
public int getPropertyAge() {
public void setPropertyAge(int propertyAge) {
   this.propertyAge = propertyAge;
```

```
public PropertyType getPropertyType() {
    return propertyType;
}

public void setPropertyType(PropertyType propertyType) {
    this.propertyType = propertyType;
}

public NatureOfProperty getNatureOfProperty() {
    return natureOfProperty;
}

public void setNatureOfProperty(NatureOfProperty natureOfProperty) {
    this.natureOfProperty = natureOfProperty;
}

@Override
public int LTVCalculateAsPerCollatoralType() {
    LTV ltv = new LTV();
    ltv.setLoanAmount(LoanAmountAsked);
    System.out.println("LTV for HomeLoan:");
    return (int)ltv.LTVCalculator();
}
```

```
package Assignment5;
import Assignment2.LoanProduct;
import enums.CourseType;
import enums.DegreeType;
import enums.EducationStream;
import Assignment1.LTV;
import static Functions.Functions.calculateLtv;

public class EducationLoan extends LoanProduct {
    private String CourseName;
    private String CollegeName;
    private CourseType courseType;
    private DegreeType degreeType;
    private EducationStream educationStream;
    private double totalFees;

    private double LoanAmountAsked;

    public double getLoanAmountAsked() {
        return LoanAmountAsked;
    }

    public void setLoanAmountAsked(double loanAmountAsked) {
        LoanAmountAsked = loanAmountAsked;
    }

    public String getCourseName() {
        return CourseName;
    }
}
```

```
public String getCollegeName() {
public void setCollegeName(String collegeName) {
public CourseType getCourseType() {
public void setCourseType(CourseType courseType) {
public DegreeType getDegreeType() {
public void setDegreeType(DegreeType degreeType) {
public double getTotalFees() {
   this.totalFees = totalFees;
public int LTVCalculateAsPerCollatoralType() {
```

```
public double getLoanAmountAsked() {
public AssetVariant getAssetVariant() {
public AssetCategory getAssetCategory() {
public void setAssetCategory(AssetCategory assetCategory) {
public String getAssetModel() {
   this.assetModel = assetModel;
public String getManufacturer() {
```

```
public void setAssetCost(double assetCost) {
    this.assetCost = assetCost;
}

public double getDownPayment() {
    return downPayment;
}

public void setDownPayment(double downPayment) {
    this.downPayment = downPayment;
}

@Override
public int LTVCalculateAsPerCollatoralType() {
    LTV ltv = new LTV();
    ltv.setLoanAmount(LoanAmountAsked);
    System.out.println("LTV for consumerVechileLoan :");
    return (int)ltv.LTVCalculator();
}
```

3.

```
package Assignment6;
import Assignment2.Customer;
public interface Maker {
    boolean registerCustomer(Customer c);
    boolean deleteCustomer(int customerId);

    boolean addNewLoanProduct();
    boolean removeLoanProduct(String loanProductCode);
}
```

```
package Assignment6;
import Assignment2.Customer;

public interface Operator {
    void printAllLoanProducts();
    void printAllLoanProductDetails(String loanProductId);
    void calculateLTVorLoanProducts();
    Customer findCustomer(int customerId);
    boolean findCustomer(Customer c);
    void printAllCustomer();
}
```

```
oackage Assignment6;
   public boolean registerCustomer (Customer c) {
   public void printAllLoanProductDetails(String loanProductId) {
           if(loan[i].getLoanProductCode() == loanProductId){
   public void calculateLTVorLoanProducts() {
```

```
public void setSize(int size) {
```

```
this.cus = cus;
}
```