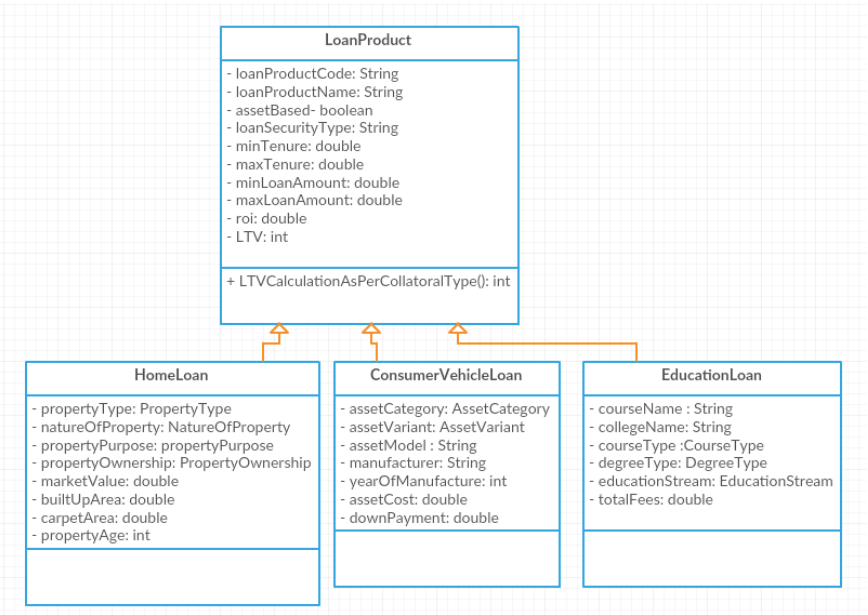
1. Given the below inheritance hierarchy,



Write an application to implement the three different Inheritance hierarchies and showcase the difference between all the three strategies with the help of Comments. Perform the below mentioned operations:

   a. DML operations on all three Sub-class objects
   b. Fetch and display all HomeLoan Products available.
   c. Fetch and display LoanProduct details given the LoanProductCode
   d. Fetch and display CollegeName given the LoanProductCode

2. Make the base LoanProduct class as an Abstract class and map it using the @MappedSuperClass annotation. Document your observations in the form of a readMe.txt file created in the project space. Perform the same operations as mentioned in Question-1 now and then document your observations.

3. Perform the HQL queries to get the following results from the database, with the help of entity created in Day-3 assignments.
   a. Return the list of all the loans whose status is Pending.
   b. Return list of all the customers who belong to same company.
   c. Return list of all Customers who are of age greater than 21 years.
   d. Fetch the list of all the loans whose loan type is EducationLoan and whose tenure is less than 4 years.
   e. Fetch the list of all the customers who have more than 1 loan running in their names.
   f. Fetch the list of all the active loans of a particular customer by providing the customer id.
   g. Fetch the Loan Disbursal Date for all the loans by providing the customer Id.

h. Write a HQL query to return only Customer Name, monthly Income and Profession of all the Customers.

1) Use Positional Parameters to perform Point d.
2) Use NamedQuery along with Named Parameters to perform Point f & g
3) Use NativeQuery to perform Point b & c.