Write an OOP in java using the following information.

Create the following called **"PROJECT"**, **"STUDENT"**, **"TEACHER"** and **"ENROLL"** as follows with given accessibility for its members**: (NOTE: +** indicates **Protected, *** indicates Public, ++ indicates **private. Declare various data members wherever convenient in the program**)

Class: PROJECT	Class: STUDENT	Class: TEACHER
Data member: +Project Name	**Data member:** +StudentName +Semester +Coursename	**Data member:** +TeacherName
Member functions: public *GetProjectDetail() *ShowProjectDetail()	**Member functions: public** *GetStudentDetail() *ShowStudentDetail()	**Memberfunctions: public** *GetTeacherDetail()

Class: ENROLL
Data members: +Enroll_id
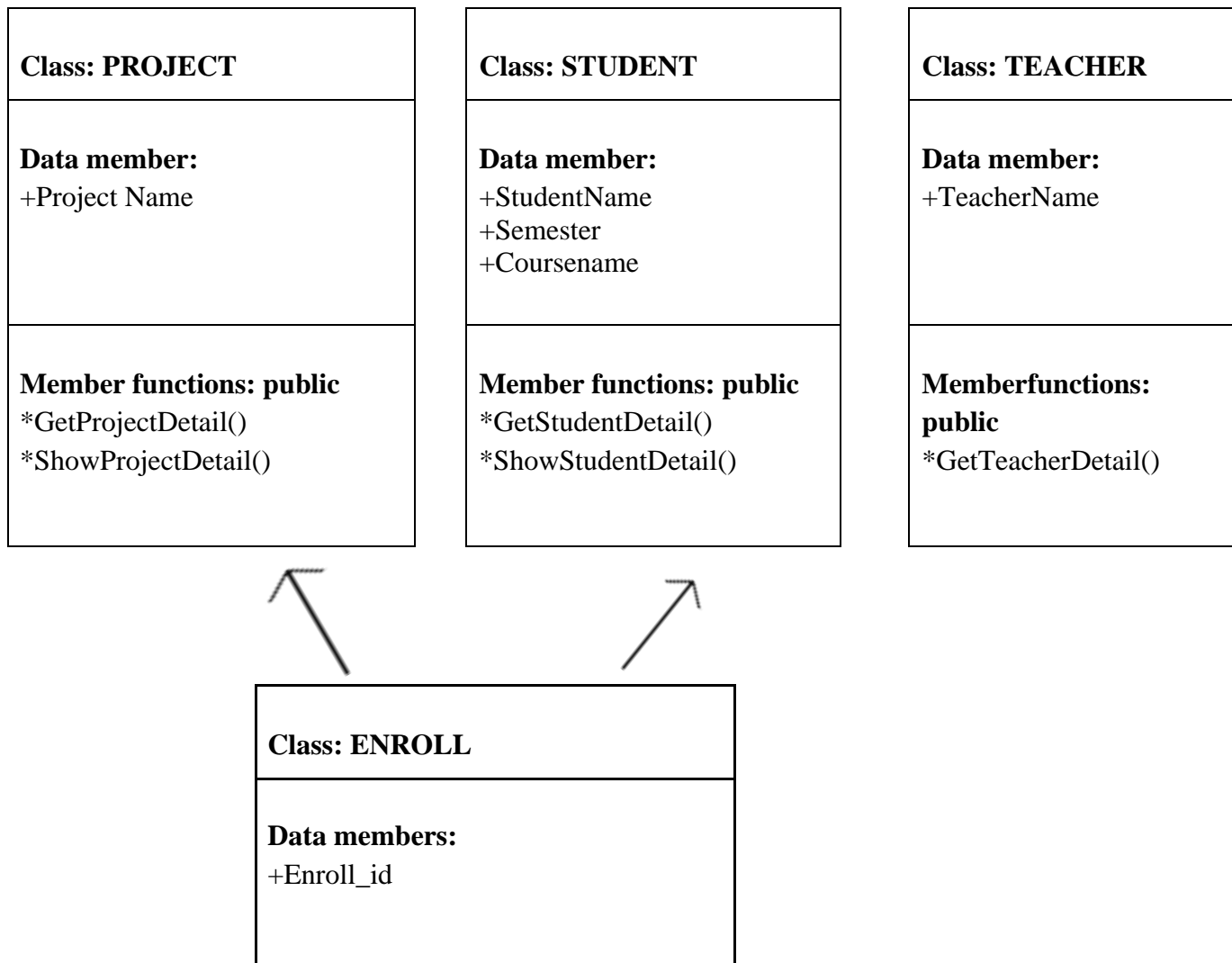
```
Member functions:
*display()
```

a) Enroll the students(minimum 3) with teacher and project binding
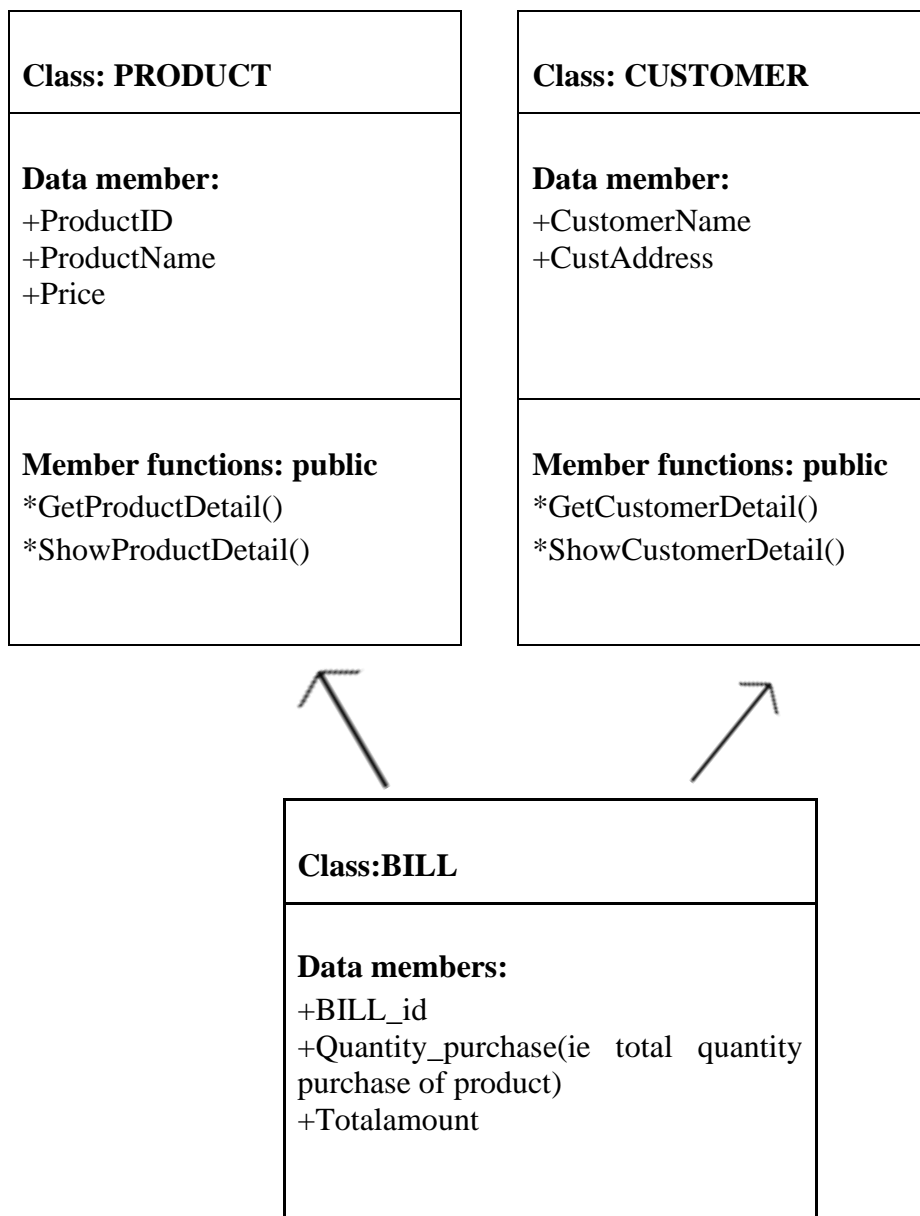**b) Display list of students enroll in various projects**
EXPECTED OUTPUT

ENROLLID	STUDENTNAME	SEMESTER	PROJECTNAME	TEACHERNAME
E001	SAKSHI PATEL	5	ONLINE SHOPPING	PARULMAM
E002	MANSI SHARMA	5	ONLINE PAYMENT	ANJANAMAM
E003	KANGNA PILLAI	5	ONLINE FEES	CHARUMAM

Write an OOP in java using the following information.

Create the following called **"PRODUCT"**, **"CUSTOMER", "BILL"** as follows with given accessibility for its members**: (NOTE: +** indicates **Protected, ∗** indicates Public, **++** indicates **private. Declare various data members wherever convenient in the program**)

Class: PRODUCT	Class: CUSTOMER
Data member: +ProductID +ProductName +Price	**Data member:** +CustomerName +CustAddress
Member functions: public ∗GetProductDetail() ∗ShowProductDetail()	**Member functions: public** ∗GetCustomerDetail() ∗ShowCustomerDetail()

Class:BILL
Data members: +BILL_id +Quantity_purchase(ie total quantity purchase of product) +Totalamount

```
Member functions:
*display()
```

a) Allow 3 Customers to purchase the products
b) Display list of customers with product details
EXPECTED OUTPUT

CUSTOMERNAME	PRODUCTNAME	QUANTITY	PRICE	TOTAL
PARUL MEHTA	OIL TIN	3	100	300
ARUN SHARMA	RICE FLOUR	2	500	1000