

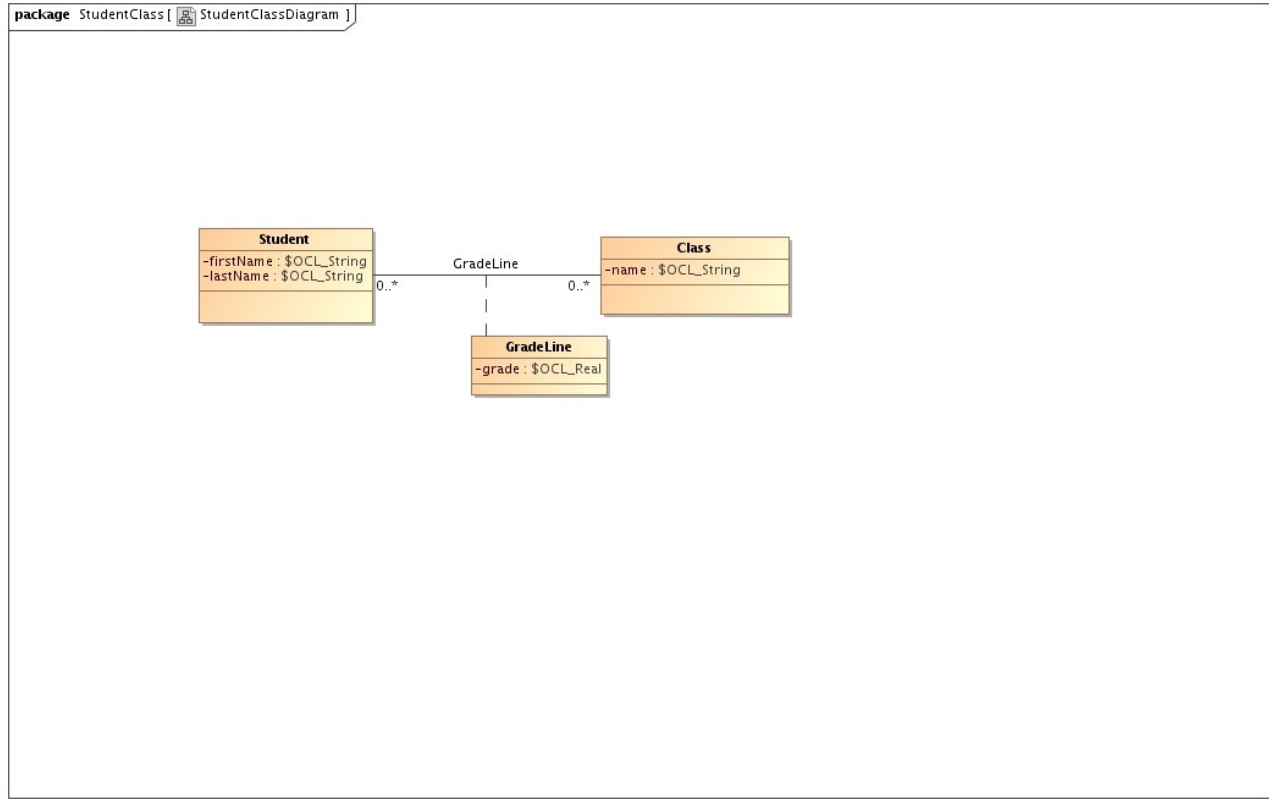
Lab 3

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UT EID: sz4554
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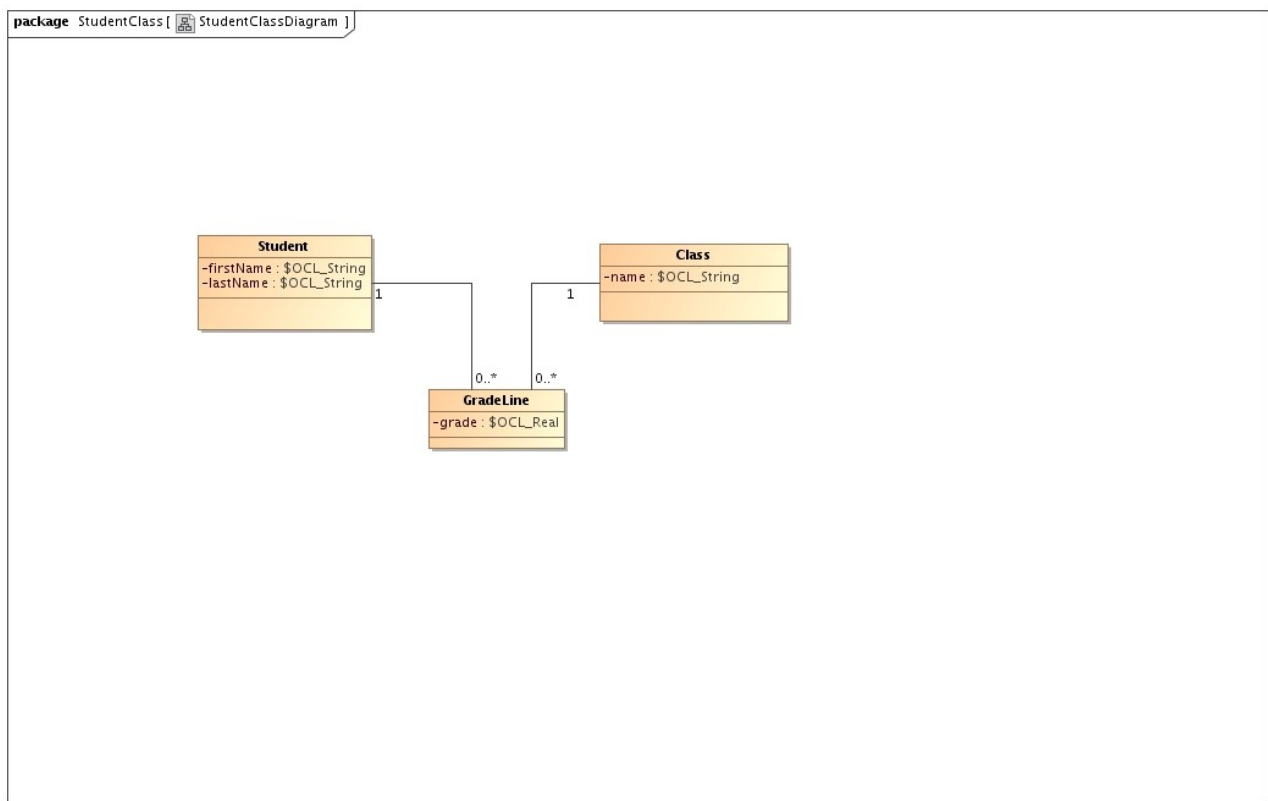
All ddl files are attached separately.

Part 1

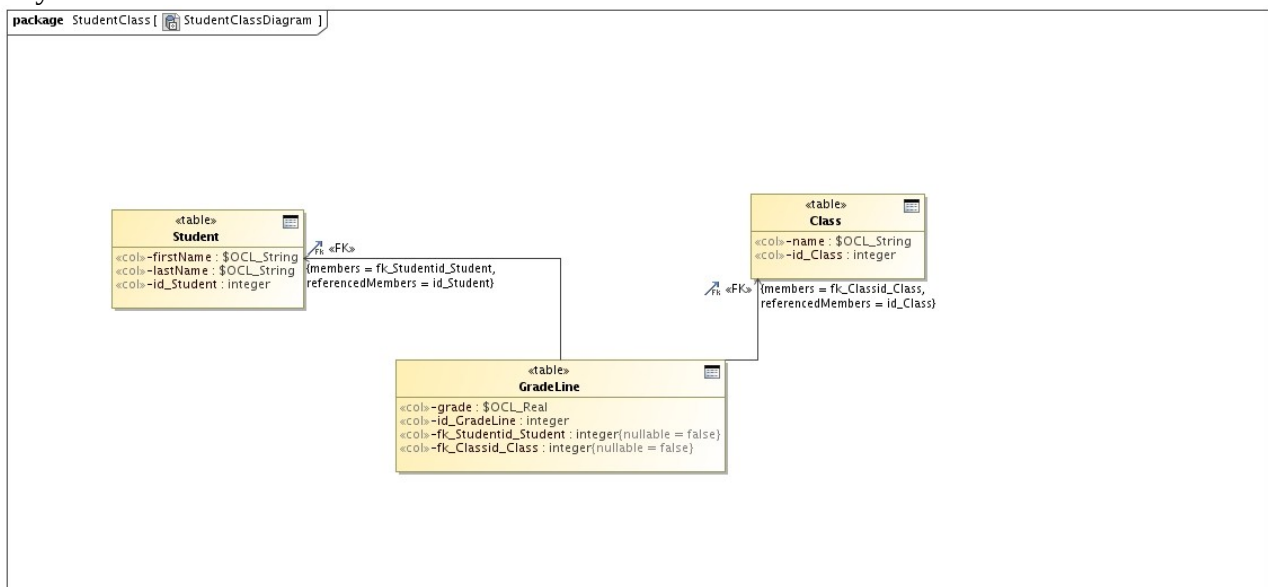
1.



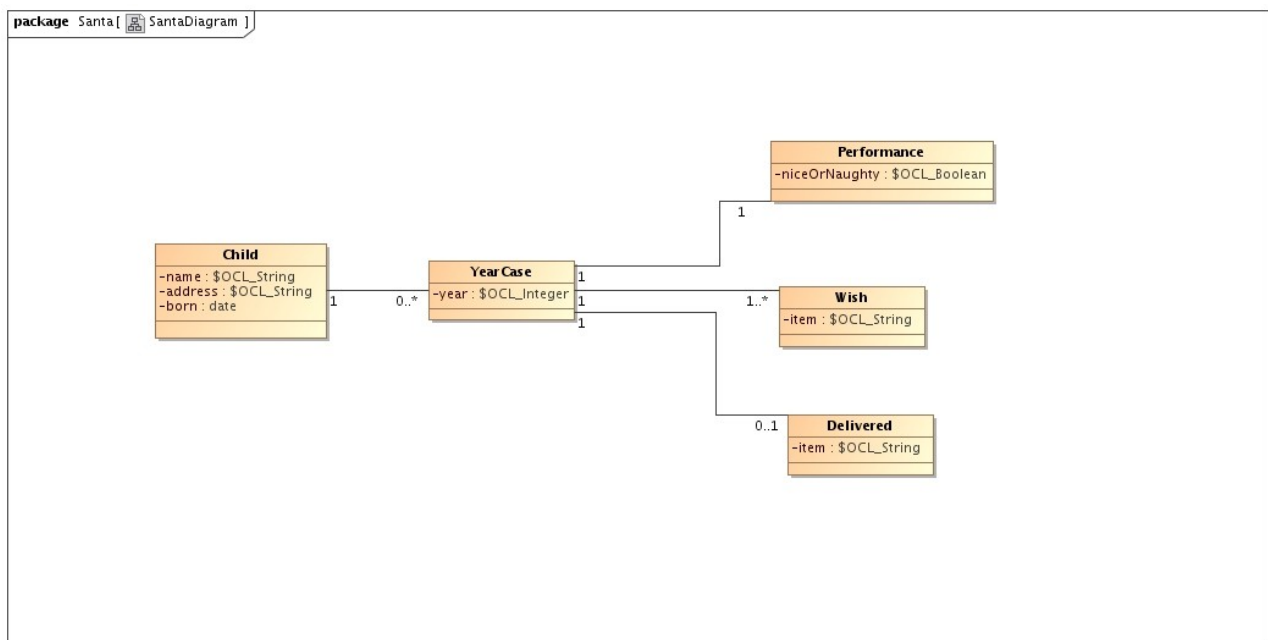
Work around:



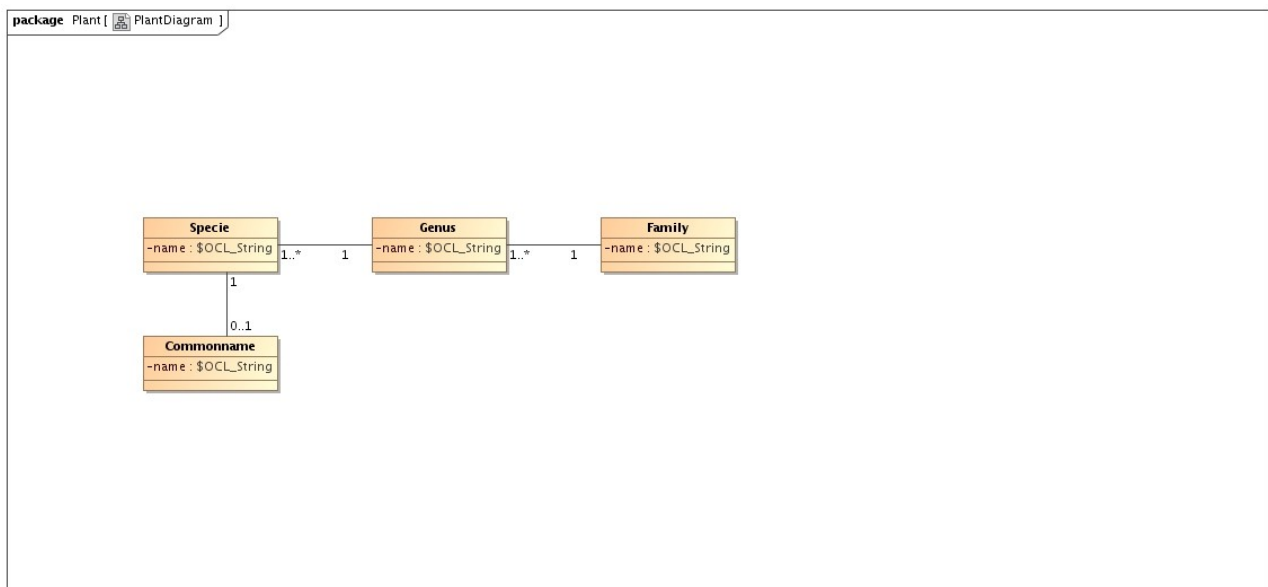
Physical model:



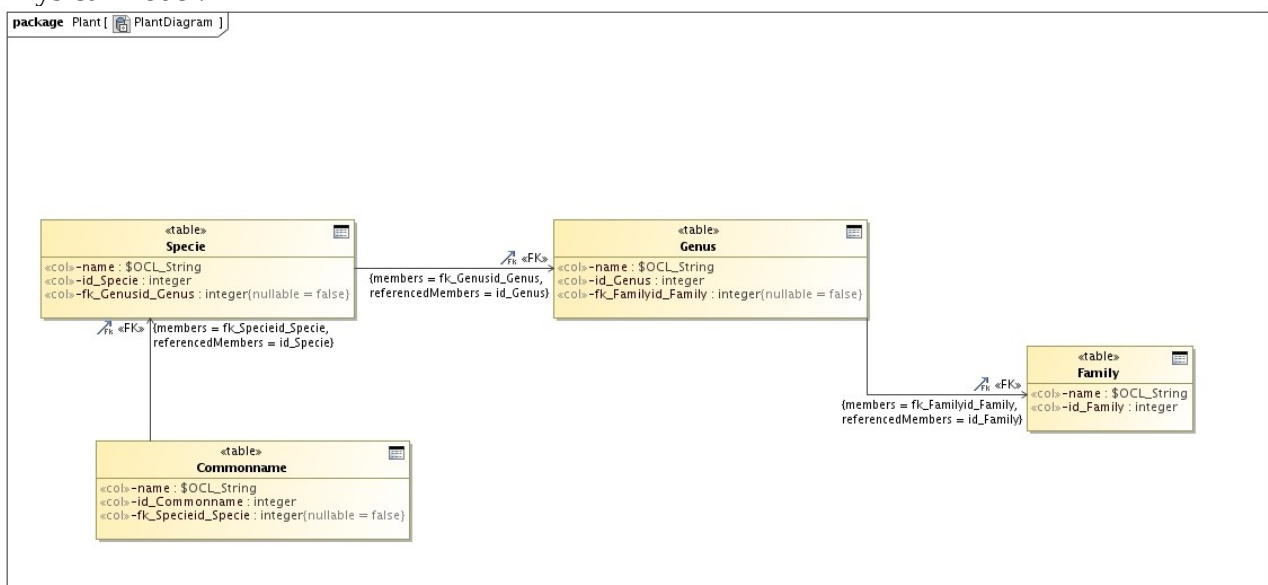
2.



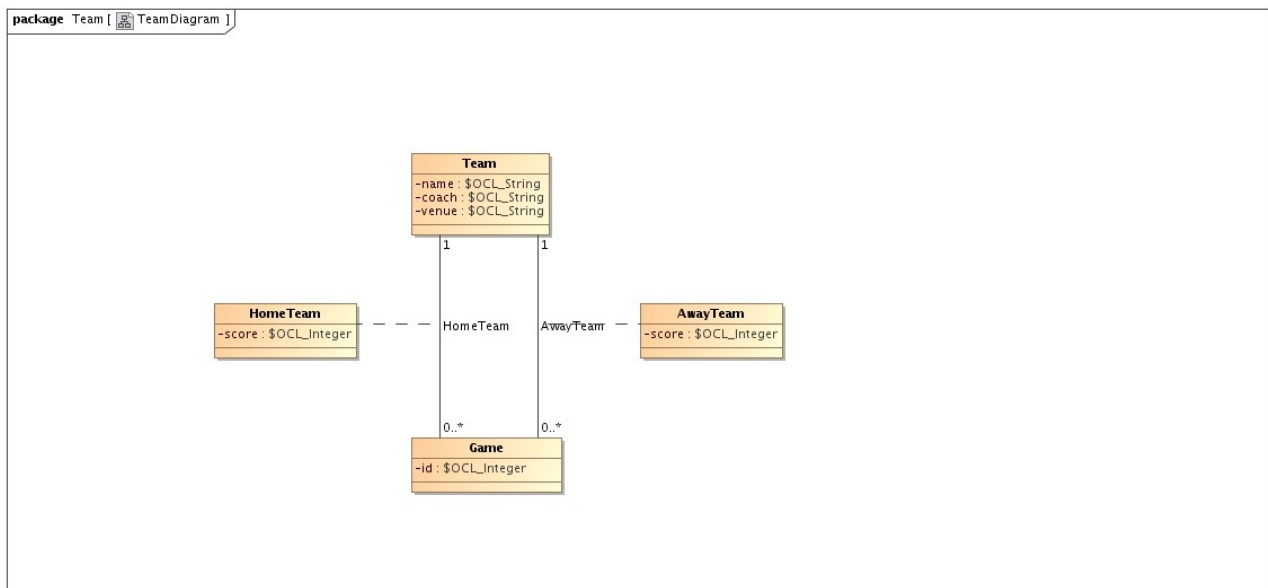
3.



Physical model:



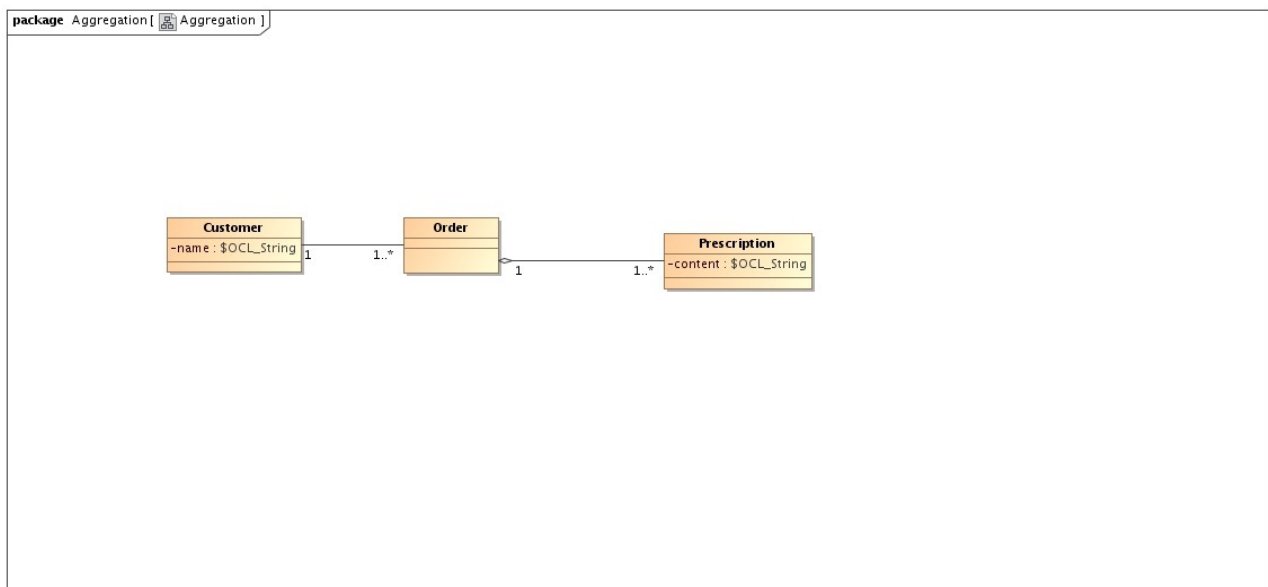
4.



Part 2

1.

Association



--@(#) script.ddl

```

CREATE TABLE AggregationTable.Aggregation.Customer
(
    name,
    id_Customer integer,
    PRIMARY KEY(id_Customer)
);

```

```

CREATE SEQUENCE AggregationTable.Aggregation.Order_SEQ;

```

```

CREATE SEQUENCE AggregationTable.Aggregation.Customer_SEQ;

```

```

CREATE SEQUENCE AggregationTable.Aggregation.Prescription_SEQ;

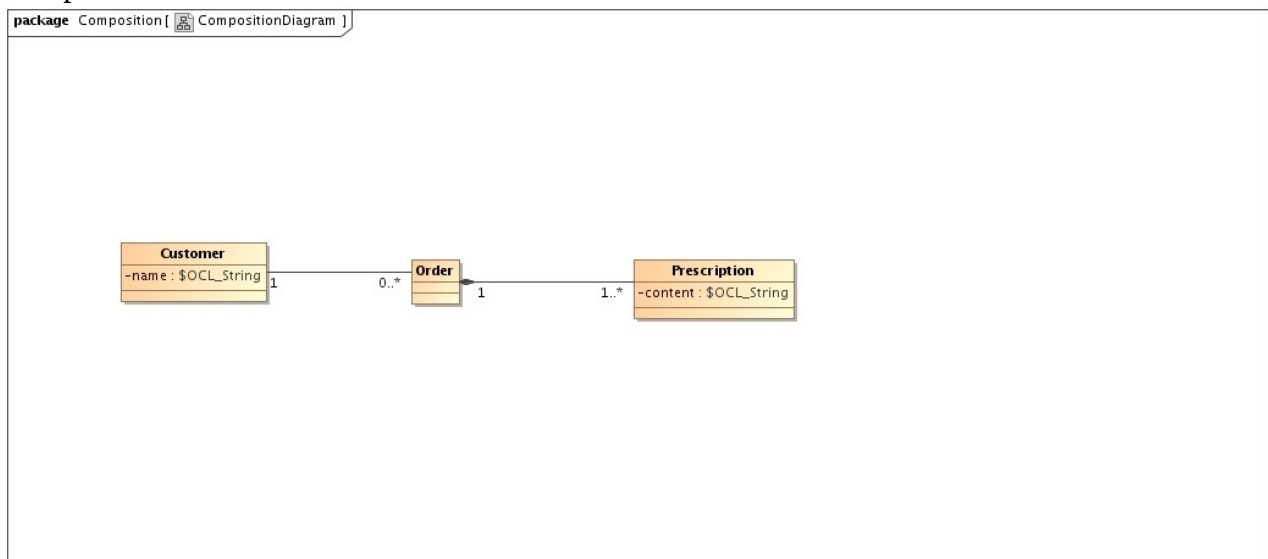
```

---SKIPPED: Class REMOVED_BY_CUSTOM_TRANSFORMATION

```
CREATE TABLE AggregationTable.Aggregation.Order
(
    id_Order integer,
    fk_Customerid_Customer integer NOT NULL,
    PRIMARY KEY(id_Order),
    FOREIGN KEY(fk_Customerid_Customer) REFERENCES
AggregationTable.Aggregation.Customer (id_Customer)
);
```

```
CREATE TABLE AggregationTable.Aggregation.Prescription
(
    content,
    id_Prescription integer,
    fk_Orderid_Order integer NOT NULL,
    PRIMARY KEY(id_Prescription),
    FOREIGN KEY(fk_Orderid_Order) REFERENCES
AggregationTable.Aggregation.Order (id_Order)
);
```

Composition



--@(#) script.ddl

```
CREATE TABLE CompositionTable.Composition.Customer
(
    name,
    id_Customer integer,
    PRIMARY KEY(id_Customer)
);
```

```
CREATE SEQUENCE CompositionTable.Composition.Order_SEQ;
```

```
CREATE SEQUENCE CompositionTable.Composition.Customer_SEQ;
```

```
CREATE SEQUENCE CompositionTable.Composition.Prescription_SEQ;
---SKIPPED: Class REMOVED_BY_CUSTOM_TRANSFORMATION
```

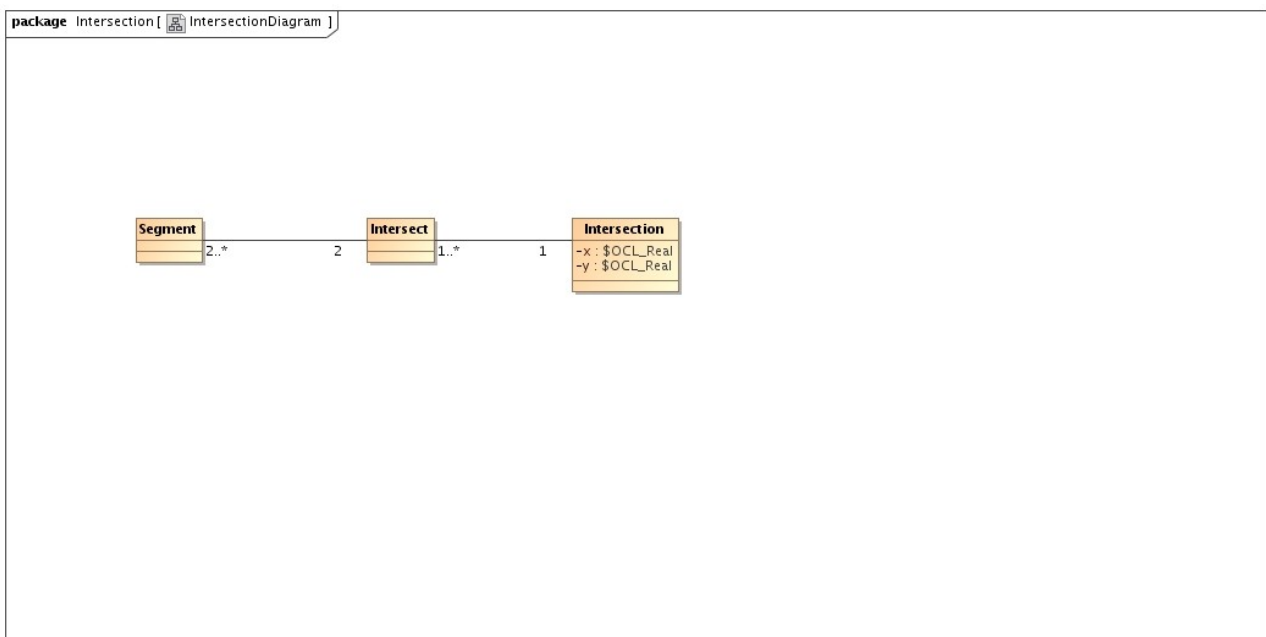
```

CREATE TABLE CompositionTable.Composition.Order
(
    id_Order integer,
    fk_Customerid_Customer integer NOT NULL,
    PRIMARY KEY(id_Order),
    FOREIGN KEY(fk_Customerid_Customer) REFERENCES
CompositionTable.Composition.Customer (id_Customer)
);

CREATE TABLE CompositionTable.Composition.Prescription
(
    content,
    id_Prescription integer,
    fk_Orderid_Order integer NOT NULL,
    PRIMARY KEY(id_Prescription, fk_Orderid_Order),
    FOREIGN KEY(fk_Orderid_Order) REFERENCES
CompositionTable.Composition.Order (id_Order)
);

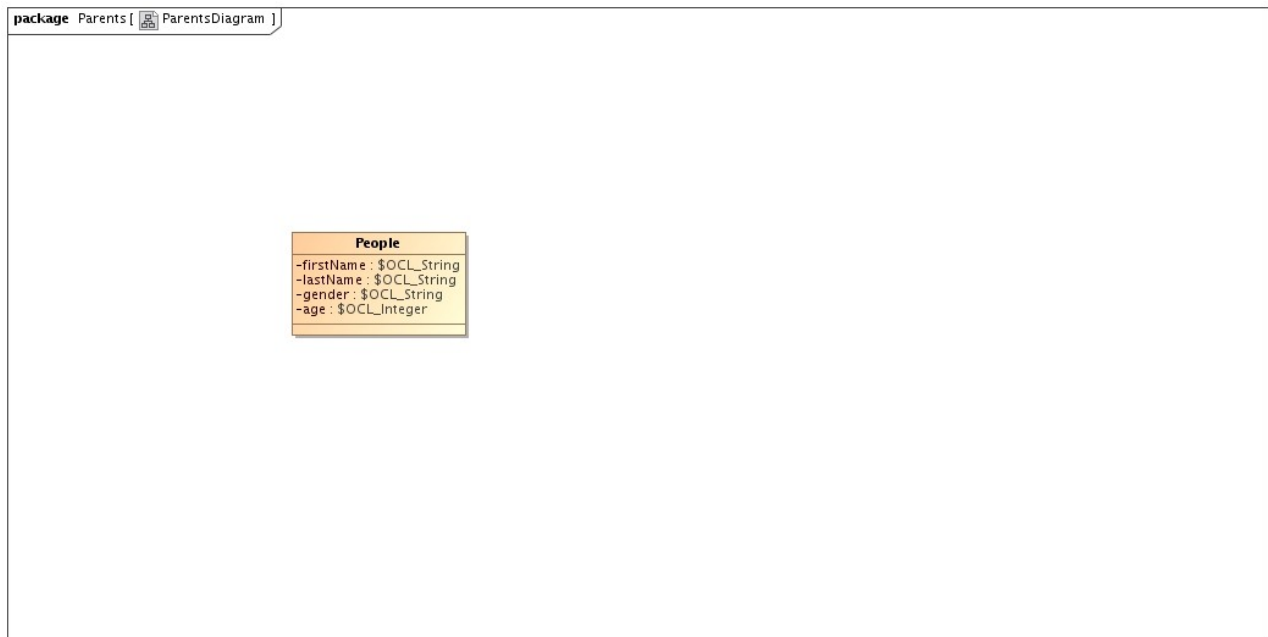
```

2.

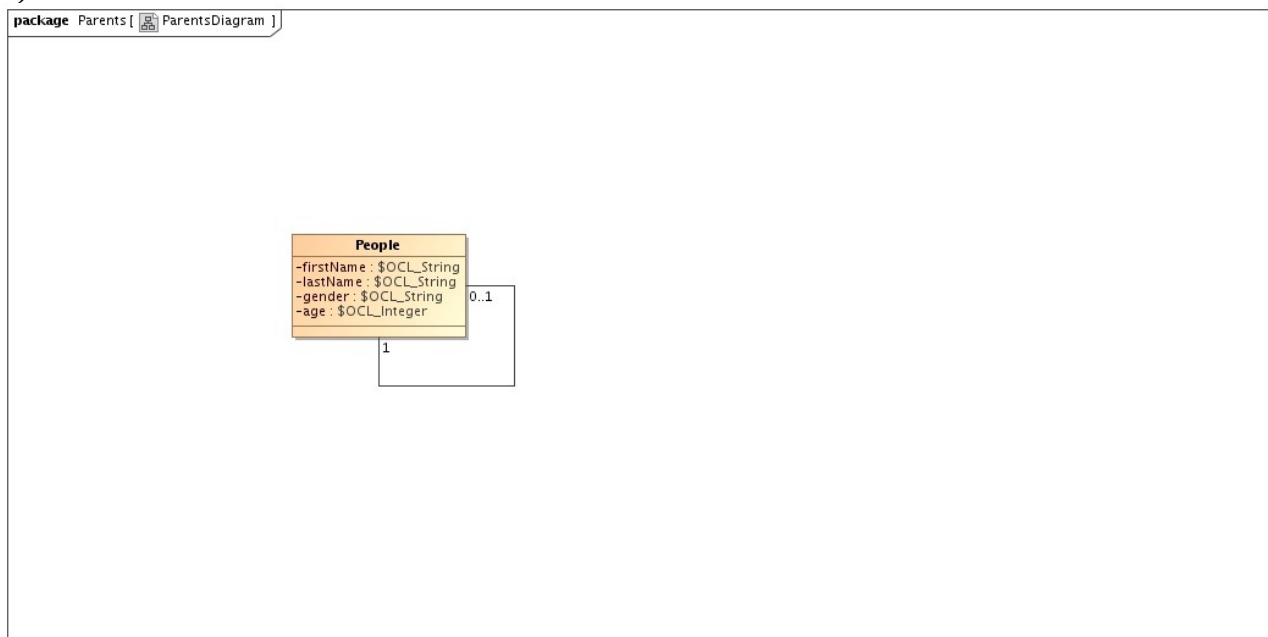


3.

a)



b)



c)

package Parents [ParentsDiagram]

