

SE2222 – ASSIGNMENT 5

- 1) Assertion: No manufacturer of PC's may also make laptops. *-- intersect ile de yapabildik.*

```
CREATE ASSERTION assignment5
CHECK (NOT EXISTS (SELECT maker
                    FROM Product
                    WHERE type = 'pc' AND maker IN (SELECT maker
                                                    FROM Product
                                                    WHERE type = 'laptop'))));
```

- 2) Trigger: When updating the price of a PC, check that there is no lower priced PC with the same speed.

```
CREATE TRIGGER NoLowerPriceTrigger
AFTER UPDATE OF price ON PC
REFERENCING
    OLD ROW AS Oldie
    NEW ROW AS Newie
FOR EACH ROW
WHEN (Oldie.price < Newie.price)
UPDATE PC
SET price = Oldie.price
WHERE speed = Oldie.speed
```