

SE2222 – Assignment 5

SQL Assertions and Triggers:

The example database schema consists of four relations:

Product(maker, model, type)

PC(model, speed, ram, hd, price)

Laptop(model, speed, ram, hd, screen , price)

Printer(model, color, type, price)

For the example database schema above:

1. Write the following **assertion**: No manufacturer (maker) of PC's may also make laptops.
2. Write the following as **trigger**: When updating the price of a PC, check that there is no lower priced PC with the same speed.