

Name 1:

Name 2:

We have two relations, Products(maker, id, type) and PC(id, model, speed, ram, hd, price)

Sketch the following transactions, including SQL statements. Do not forget to issue BEGIN TRANSACTION, COMMIT, ROLLBACK statements at the proper times.

- a) Given a speed and amount of RAM (as arguments to the transaction) look up the PC with that speed and RAM, printing the model number and price of each.
- b) Given a model number, delete the tuple for that model from both PC and Product.
- c) Given a model number, decrease the price of that model PC by 100.
- d) Given a model, speed, ram and price, insert a new PC. To create the new id find the maximum id and increase it by one.