Integrity Constraints Exercises

Use Data Multiple Tables part 2

1. Import the 4 csv files
   1.1 ClientV1 (this table contains the information about the customers)
   1.2 OrderT (this table contains the orders made by customers)
   1.3 Product (this table contains all information about the products)
   1.4 Detail (this table contains the products purchased per invoice no. in OrderT table
2. Alter the data types to use date for dates, varchar or char (for text) with size specified.
3. Alter the tables to add the primary keys. The PK for the tables are as follows
   3.1 ClientNo for Client table
   3.2 InvoiceNo for OrderT
   3.3 ProductCode for Product
   3.4 InvoiceNo and ProductCode for Detail
4. Based on the table descriptions in #1, determine which table/s   must have the foreign key. Alter tables to add the foreign key constraints
   4.1 If a certain product is deleted from product table, the corresponding record/s must be deleted as well from the Detail table; If product id is updated in product table, the corresponding record in detail table should be updated as well
   4.2 If an order is deleted from the orderT table, the corresponding record/s must be deleted as well from the Detail table
   4.3 If a client is deleted from the client table, the client field of the corresponding record/s in the orderT table must be set to null.
5. Delete product with codes FT2, FS. Check updates made with related tables.
6. Delete invoice numbers 1 and 4. Check updates made with related tables.
7. Delete a client from a client table and check corresponding effect in orterT table.