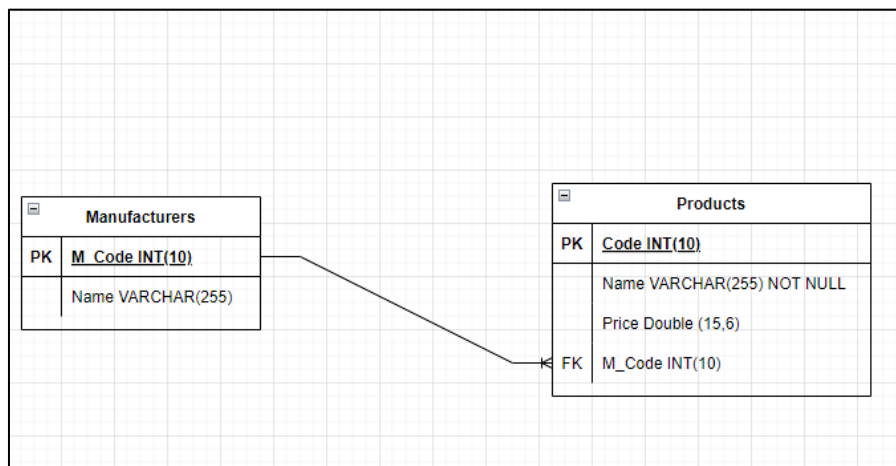| CMP020L012A | **Data Analytics** | **2022/23** |

Week-2
Lab Task-2 (DDL and DML Operations)

1. Let's assume there is a database called "ManufacturerInfo" which stores information about the manufactured products and their manufacturers details for a store. Your task will be to create the following tables:

   "Manufacturers" containing attributes: Manufacturer's code and name.

   "Products" containing attributes: Product's code, Name, price and manufacturer's code (manufacturer's code will be referred here as a foreign key constraint).

   Remember to specify the constraints while defining the tables accordingly and include "NOT NULL" and/or, Unique Key(UK) constraints for the fields/attributes of both the table where appropriate.

2. Populate the tables with the records provided here.

Manufacturer's details: (Code, Name)
1, Sony
2, Samsung
4, Dell
5, HP
6, Winchester

Product's details: (Code, Name, Price, Manufacturer)
1,'Headphone',240,2
2,'Pendrive',120,2
3,'Hard Disk',150,1
4,'DVD',5,6
5,'Monitor',240,4
6,'Tablet',180,5
7,'CD drive',90,6
8,'Printer',270,5
9,'DVD burner',180,6

3. Try to insert the following record to the table "Products". Also, put your opinion against this successful/unsuccessful transaction.

5	keyboard	220	2

4. Find the product names in the store.
5. Find the product details where the price of the product is 240.
6. Update the price of the printer as 150 in the table.
7. Define manufacturer's name as a unique key constraint.
8. Delete the manufacturers details where the manufacturer's code is 2. Put your observation on the outcome of the transaction.