QM-7093-01 ENTERPRISE DATA SYSTEMS
CASE STUDY (CS-4) – NOAH L. SCHRICK - 1492657

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Instructions:

In this case study, **M1_CH02** database needs to be used. You can find the Review Questions in the textbook: Questions A-K of the Morgan Importing Project

- Answer questions A through K of the Morgan Importing Project found on pages 210-211.
- Create and set up the M1_CH02 database with the given SQL files.
- Do not include the result table unless specifically directed to.
- Include at least one line of white space between answers.
- Submit thru Harvey drop box
- Deliverable: You are expected to submit
    - A single SQL script file (.sql) prepared and saved in SQL Server Management Studio that includes your SQL statements that answer each of the questions in order.
    - This word file that you copied all of your SQL script (no result tables) from your SQL file.
- Each query should start with a comment line that looks like the following (last character corresponding to question number):
    - /* *** CS4-MI.A *** */
    - This line should follow the SQL statement that is your answer to the particular question (e.g. B, C, D, ...)
- You should include at least one line of white space between your answer SQL statements
- Do not include the result table unless it is said so!
- Check Harvey for the due date!

Your answer should look like this:

```
/* Your Names-Group Name */
/* *** CS1-2.17 *** */
SELECT      SKU, SKU_Description
FROM        INVENTORY;

/* *** CS1-2.18 *** */
SELECT      SKU, SKU_Description
FROM        INVENTORY;

/* *** CS1-2.19 *** */
SELECT      SKU, SKU_Description
FROM        INVENTORY;
```

Please write your solution below:

```sql
/* Noah L. Schrick */


/* *** CS4-MI.A *** */
SELECT *
	FROM ITEM
;


SELECT *
	FROM SHIPMENT
;


SELECT *
	FROM SHIPMENT_ITEM
;


/* *** CS4-MI.B *** */
SELECT ShipmentID, ShipperName, ShipperInvoiceNumber
	FROM SHIPMENT
;
```

```sql
/* *** CS4-MI.C *** */

SELECT ShipmentID, ShipperName, ShipperInvoiceNumber

    FROM SHIPMENT

        WHERE InsuredValue > 10000

;


/* *** CS4-MI.D *** */

SELECT ShipmentID, ShipperName, ShipperInvoiceNumber

    FROM SHIPMENT

        WHERE ShipperName LIKE 'AB%'

;


/* *** CS4-MI.E *** */

SELECT ShipmentID, ShipperName, ShipperInvoiceNumber, ArrivalDate

    FROM SHIPMENT

        WHERE MONTH(DepartureDate) = 12

;


/* *** CS4-MI.F *** */

SELECT ShipmentID, ShipperName, ShipperInvoiceNumber, ArrivalDate

    FROM SHIPMENT

        WHERE DAY(DepartureDate) = 10

;
```

```
/* *** CS4-MI.G *** */

SELECT MAX(InsuredValue) AS MaxInsuredValue,

        MIN(InsuredValue) AS MinInsuredValue

    FROM SHIPMENT

;


/* *** CS4-MI.H *** */

SELECT AVG(InsuredValue) AS AvgInsuredValue

    FROM SHIPMENT

;


/* *** CS4-MI.I *** */

SELECT COUNT(*) AS NumShipments

    FROM SHIPMENT

;


/* *** CS4-MI.J *** */

SELECT ItemID, Description, Store,

        LocalCurrencyAmount * ExchangeRate AS
USCurrencyAmount

    FROM ITEM

;
```

```sql
/* *** CS4-MI.K *** */
SELECT City, Store
        FROM ITEM
                GROUP BY City, Store
;
```