

QM-7093-01 ENTERPRISE DATA SYSTEMS

CASE STUDY (CS-1) – NOAH L. SCHRICK - 1492657

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Instructions:

In this case study, **Cape_Codd** database needs to be used. You will do similar queries that I did in class using a different table, **INVENTORY** table. You can find the Review Questions in the textbook: Exercises 2.17- 2.33 (Pg. 121-122).

- Use only the **INVENTORY** table
- Work with your group
- Submit thru Harvey drop box
- Deliverable: You are expected to submit
 - o 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.
 - o 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):
 - o `/* *** CS1-2.17*** */`
 - o This line should follow the SQL statement that is your answer to the particular question (e.g. 1, 2, 3, ...)
- 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:

```
/* *** CS1-2.17 *** */
```

```
SELECT SKU, SKU_Description  
FROM INVENTORY  
;
```

```
/* *** CS1-2.18 *** */
```

```
SELECT SKU_Description, SKU  
FROM INVENTORY  
;
```

```
/* *** CS1-2.19 *** */
```

```
SELECT WarehouseID  
FROM INVENTORY  
;
```

```
/* *** CS1-2.20 *** */
```

```
SELECT DISTINCT WarehouseID  
FROM INVENTORY  
;
```

```
/* *** CS1-2.21 *** */
```

```
SELECT WarehouseID, SKU, SKU_Description, QuantityOnHand, QuantityOnOrder  
FROM INVENTORY  
;
```

```
/* *** CS1-2.22 *** */
```

```
SELECT *  
  
    FROM INVENTORY  
  
    ;
```

```
/* *** CS1-2.23 *** */
```

```
SELECT *  
  
    FROM INVENTORY  
  
        WHERE QuantityOnHand > 0  
  
    ;
```

```
/* *** CS1-2.24 *** */
```

```
SELECT SKU, SKU_Description  
  
    FROM INVENTORY  
  
        WHERE QuantityOnHand = 0  
  
    ;
```

```
/* *** CS1-2.25 *** */
```

```
SELECT SKU, SKU_Description, WarehouseID  
  
    FROM INVENTORY  
  
        WHERE QuantityOnHand = 0  
  
            ORDER BY WarehouseID ASC  
  
    ;
```

```
/* *** CS1-2.26 *** */
```

```
SELECT SKU, SKU_Description, WarehouseID  
  
    FROM INVENTORY
```

```
WHERE QuantityOnHand > 0  
ORDER BY WarehouseID DESC, SKU ASC  
;
```

```
/* *** CS1-2.27 *** */
```

```
SELECT SKU, SKU_Description, WarehouseID  
FROM INVENTORY  
WHERE QuantityOnHand = 0 AND QuantityOnOrder > 0  
ORDER BY WarehouseID DESC, SKU ASC  
;
```

```
/* *** CS1-2.28 *** */
```

```
SELECT SKU, SKU_Description, WarehouseID  
FROM INVENTORY  
WHERE QuantityOnHand = 0 OR QuantityOnOrder = 0  
ORDER BY WarehouseID DESC, SKU ASC  
;
```

```
/* *** CS1-2.29 *** */
```

```
SELECT SKU, SKU_Description, WarehouseID, QuantityOnHand  
FROM INVENTORY  
WHERE QuantityOnHand > 1 AND QuantityOnHand < 10  
;
```

```
/* *** CS1-2.30 *** */
```

```
SELECT SKU, SKU_Description, WarehouseID, QuantityOnHand  
FROM INVENTORY
```

```
WHERE QuantityOnHand BETWEEN 2 AND 9
```

```
;
```

```
/* *** CS1-2.31 *** */
```

```
SELECT DISTINCT SKU, SKU_Description
```

```
FROM INVENTORY
```

```
WHERE SKU_Description LIKE 'Half-Dome%'
```

```
;
```

```
/* *** CS1-2.32 *** */
```

```
SELECT DISTINCT SKU, SKU_Description
```

```
FROM INVENTORY
```

```
WHERE SKU_Description LIKE '%Climb%'
```

```
;
```

```
/* *** CS1-2.33 *** */
```

```
SELECT DISTINCT SKU, SKU_Description
```

```
FROM INVENTORY
```

```
WHERE SKU_Description LIKE '__d%'
```

```
;
```