**Week\_2 – Assignments** - **MS SQL Query files**Nichchaphat Sommhai  
Student ID: 202550690

2.1- Write an SQL statement to display SKU and SKU\_Description.

SELECT SKU, SKU\_Description

FROM dbo.INVENTORY;

2.2 - Write an SQL statement to display SKU\_Description and SKU.  
 SELECT SKU\_Description, SKU

FROM dbo.INVENTORY;

2.3 - Write an SQL statement to display WarehouseID.  
 SELECT WarehouseID

FROM dbo.INVENTORY;

2.4 - Write an SQL statement to display unique WarehouseIDs.  
 SELECT DISTINCT WarehouseID

FROM dbo.INVENTORY;

2.5 - Write an SQL statement to display all of the columns without using the SQL asterisk (\*) wildcard character.  
 SELECT WarehouseID, SKU, SKU\_Description, QuantityOnHand, QuantityOnOrder

FROM INVENTORY;

2.6 - Write an SQL statement to display all the columns using the SQL asterisk (\*) wildcard character.  
 SELECT \*

FROM INVENTORY;

2.7 - Write an SQL statement to display all data on products having a QuantityOnHand greater than 0.  
 SELECT \*

FROM INVENTORY

WHERE QuantityOnHand > 0;

2.8 - Write an SQL statement to display the SKU and SKU\_Description for products having QuantityOnHand equal to 0.  
 SELECT SKU, SKU\_Description

FROM INVENTORY

WHERE QuantityOnHand = 0;

2.9 - Write an SQL statement to display the SKU, SKU\_Description, and WarehouseID FROM INVENTORY table for products that have a QuantityOnHand equal to 0. Sort the results in ascending (ASC) order by WarehouseID.  
 SELECT SKU, SKU\_Description, WarehouseID

FROM INVENTORY

WHERE QuantityOnHand = 0

ORDER BY WarehouseID ASC;

2.10 - Write an SQL statement to display the SKU, SKU\_Description, and WarehouseID FROM INVENTORY table for products that have a QuantityOnHand greater than 0. Sort the results in descending order by WarehouseID DESC and in ascending order by SKU ASC.  
 SELECT SKU, SKU\_Description, WarehouseID

FROM INVENTORY

WHERE QuantityOnHand > 0

ORDER BY WarehouseID DESC, SKU ASC;