

## Readings:

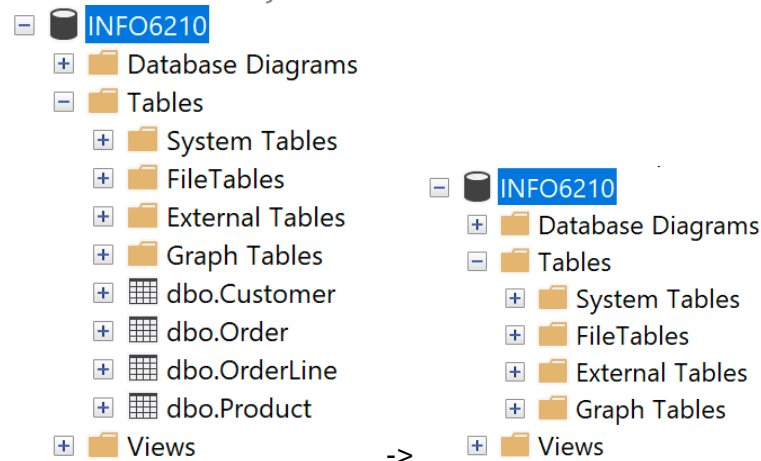
- chapter 6: "Introduction to SQL" (Hoffer, Ramesh, & Topi) from page 261 – end of chapter
- chapter 6: "Queries: SELECT Statement" (Petkovic) from page 193 -230

## Homework:

- Using the database INFO6210 created during lecture, perform the following:

- Write SQL Statements to drop all four tables your created in the INFO6210 database. Execute them.

```
DROP TABLE OrderLine;
DROP TABLE [Order];
DROP TABLE Customer;
DROP TABLE Product;
```



- Recreate the tables using the SQL statements found in script file "1\_PineValey\_CREATE\_table". File can be found in the course's blackboard.
- Populate the tables using the SQL statements found in script file "2\_PineValey\_INSERT". File can be found in the course's blackboard. Show screenshot image of couple of tables populated with data.

### Customer:

	CustomerID	CustomerName	CustomerAddress	CustomerCity	CustomerState	CustomerPostalCode	
1	1	Contemporary Casuals	1355 S. Himes Blvd.	Gainesville	FL	32601	
	CustomerID	CustomerName	CustomerAddress	CustomerCity	CustomerState	CustomerPostalCode	CustomerType
1	1	Contemporary Casuals	1355 S. Himes Blvd.	Gainesville	FL	32601	Commercial
2	2	ABC Inc	11 Main ST	Boston	MA	02771	Commercial
3	3	XYZ Inc	16 John Ave	Boston	MA	02771	Commercial

### Product:

	ProductID	ProductDescription	ProductFinish	ProductStandardPrice	ProductLineID
1	1	End Table	Cherry	175.00	8
2	2	King Chair	Natural Oak	400.00	8
3	3	Big Table	Natural Oak	330.00	8

- How do you classify the SQL statements found in the script file "1\_PineValey\_CREATE\_table"?

- a. DDL
- b. DML
- c. DQL
- d. DCL
- e. All of the above

**a**

3. How do you classify the SQL statements found in the script file “2\_PineValey\_INSERT”?  
Write a SQL statement that DELETES all customer in the state of MA

- a. DDL
- b. DML
- c. DQL
- d. DCL
- e. All of the above

**b**

4. Write a SQL statement to change the ProductStandardPrice on ProductID=1 to \$200

```
UPDATE Product
SET ProductStandardPrice = 200
WHERE ProductID = 1;
```

5. Write a query that finds all products with ProductStandardPrice less than \$275

```
SELECT *
FROM Product
WHERE ProductStandardPrice < 275;
```

6. Write a query that finds all customers in the state of FL or in the state of MA

```
SELECT *
FROM Customer
WHERE CustomerState IN ('FL', 'MA');
```

7. Write a query that finds all products with the word “desk” or “table” in the description, and standard price greater than \$300

```
SELECT *
FROM Product
WHERE (ProductDescription LIKE '%desk'
OR ProductDescription LIKE '%table')
AND ProductStandardPrice > 300;
```

8. Write a query that counts the number of records in the product table

```
SELECT COUNT(*)
FROM Product;
```