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

1. Using the database INFO6210 created during lecture, perform the following:
   1. Write SQL Statements to drop all four tables your created in the INFO6210 database. Execute them.

Answer:

DROP TABLE OderLine;

DROP TABLE [Order];

Drop TABLE Product;

Drop TABLE Customer;

* 1. Recreate the tables using the SQL statements found in script file “1\_PineValey\_CREATE\_table”. File can be found in the course’s blackboard.

Students to execute the commands

* 1. Populate the tables using the SQL statements found in script file “2\_PineValey\_INSERT”. File can be found in the course’s blackboard.

Students to execute the commands

1. How do you classify the SQL statements found in the script file “1\_PineValey\_CREATE\_table”?
   1. DDL
   2. DML
   3. DQL
   4. DCL
   5. All of the above

Answer: a DDL

1. How do you classify the SQL statements found in the script file “2\_PineValey\_INSERT”?
   1. DDL
   2. DML
   3. DQL
   4. DCL
   5. All of the above

Answer: b DML

1. Write a SQL statement that DELETES all customer in the state of MA

DELETE FROM Customer WHERE CustomerState ='MA'

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

UPDATE Product

SET ProductStandardPrice =200

WHERE ProductID =1

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

SELECT \*

FROM Product

WHERE ProductStandardPrice<275

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

select \*

FROM Customer WHERE CustomerState ='MA' OR

CustomerState ='FL'

--- ANOTHER WAY

select \*

FROM Customer WHERE CustomerState IN ( 'MA', 'FL')

1. 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

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

SELECT COUNT(\*)

FROM Product