chapter 6: “Introduction to SQL” (Hoffer, Ramesh, & Topi) from page 261 – end of chapter

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.

A screenshot of a social media post

Description automatically generated

* 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.

A screenshot of a cell phone

Description automatically generated

* + 1. 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.  
       A screenshot of a computer screen

       Description automatically generated

A screenshot of a cell phone

Description automatically generated

A screenshot of a cell phone

Description automatically generated

A close up of a logo

Description automatically generated

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  
      **a) DDL: Data Definition Language**
2. 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
   1. DDL
   2. DML
   3. DQL
   4. DCL
   5. All of the above  
      **Answer : b) Data Manipulation Language**

**A screenshot of a cell phone

Description automatically generated**

**QUERY:**

**DELETE FROM CUSTOMER WHERE CUSTOMERSTATE = ‘MA’**

**A screenshot of a social media post

Description automatically generated**

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

A screenshot of a cell phone

Description automatically generated

UPDATE STATEMENT:   
UPDATE PRODUCT

SET ProductStandardPrice = 200

WHERE ProductID = 1

A screenshot of a social media post

Description automatically generated

Affected Row below

A screenshot of a social media post

Description automatically generated

1. Write a query that finds all products with ProductStandardPrice less than $275  
   A screenshot of a social media post

   Description automatically generated  
     
   **select \* from product where productStandardPrice < 275**
2. Write a query that finds all customers in the state of FL or in the state of MA

**select \* from customer where customerstate = 'FL' or customerstate= 'MA'**

A screenshot of a social media post

Description automatically generated

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**

A screenshot of a social media post

Description automatically generated

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

**select count(\*) from product**

A screenshot of a social media post

Description automatically generated

A screenshot of a social media post

Description automatically generated