**Questions for this assignment**

1. Write a query that retrieves suppliers that work in either Georgia or California.

Ans: SELECT \* FROM supplier WHERE STATE IN ('Georgia','California');

1. Write a query that retrieves suppliers with the characters "wo" and the character "I" or "i" in their name.

Ans: select \* from supplier WHERE (SUPPLIER\_NAME LIKE '%wo%' OR SUPPLIER\_NAME LIKE '%I%' OR SUPPLIER\_NAME LIKE '%i%');

1. Write a query that retrieves suppliers on which a minimum of 37,000 and a maximum of 80,000 was spent.

Ans: select \* from supplier where TOTAL\_SPENT between 37000 and 80000;

1. Write a query that returns the supplier names and the state in which they operate meeting the following conditions:
   * belong in the state Georgia or Alaska
   * the supplier id is 100 or greater than 600
   * the amount spent is less than 100,000 or the amount spent is 220,000

ans: select supplier\_name, state from supplier where state in ('Georgia','Alaska')

and SUPPLIER\_ID = 100 or supplier\_id 600

and (TOTAL\_SPENT <100000 or TOTAL\_SPENT = 220000);

1. *TRUE or FALSE Question:*

The keywords such as SELECT and WHERE must always be capital in the SQL Query.

Ans: FALSE

1. *TRUE or FALSE Question:*

The database works on first processing the filtering conditions and then processes the FROM condition.

Ans: FALSE

1. *TRUE or FALSE Question:*

Having just the filter condition shown below in a SQL query will return all of the records from the table.

**WHERE 1 = 1**

ANS: **TRUE**

Explanation: A 1=1 in a filter condition will always evaluate to true. If there are no other filter conditions in a SQL query, all records will be returned. 1=1 will always evaluate to true.

1. *TRUE or FALSE question:*

NULL can not be compared using an equal sign.

ANS: TRUE

1. *TRUE or FALSE question:*

The ORDER BY clause is processed before the FROM clause in a SQL statement and it's used to sort the columns in an ascending or descending fashion.

ANS: FALSE.