Group 2 – Hugo Gaspar, Hudson Peden, Daniel Regan, Peyton Woods

Project 5

10/18/16

“Chapter 3 SQL Statements”

1

Retrieve products that fit within a college student’s budget.

SELECT foodid, price

FROM product

WHERE price <= 6

ORDER BY price;

2

Retrieve product line items of orders to determine how many unique products were bought on each order.

SELECT orderid, foodsequence

FROM orderlineitems

ORDER BY orderid;

3

Retrieve all information from orders.

SELECT \*

FROM orders;

4

Retrieve the number of products bought by individual order in which the viewer assumes count refers to the number of products bought.

SELECT foodid, foodcount AS count

FROM orderlineitems

ORDER BY foodid;

5

Retrieve customers’ full name in order to carry out a new initiative this store is doing by calling customers by their full name.

SELECT orderid, orderdate, custfname + ' ' + custlname

FROM orders

ORDER BY orderid;

6

Retrieve order totals to determine the average amount per order.

SELECT orderid, foodcount\*price AS ordertotal

FROM product join orderlineitems

ON product.foodid=orderlineitems.foodid

ORDER BY orderid;

12 IN OPERATOR:

Select all orders in line that have more than 2 of the same type of product.

13 BETWEEN OPERATOR:

Select all products that have price between 4 and 6 in order to help a student decide what he is going to get for dinner.

Select \*

From Product

Where Price Between 4 AND 6;

14 LIKE OPERATOR:

Select all orders that have a customer with the last name 'Li' to find who order it.

Select \*

From Orders

Where CustLName Like 'Li';

15 IS NULL OPERATOR:

Select all orders which customer do not provide their last name.

Select \*

From Orders

Where CustLName IS NULL;

16 SORT A RESULT SET BY A COLUMN NAME:

Select all orders and order them by the last requested.

Select \*

From Orders

Order by OrderDate DESC;

17 SORT A RESULT SET BY AN EXPRESSION:

Select all orders and order them by the first and last name of the customers.

Select \*

From Orders

Order by CustFName + CustLName;

18 RETRIEVE A RANGE OF SELECTED ROWS:

Select all products and order them from the smallest to highest price, and presenting only the 5 lowest prices.

Select \*

From Product

Order by Price ASC

OFFSET 0 Rows

FETCH First 5 Rows Only;