

MGS 404 – Fall 2016

Assignment 4

Due Date: October 24, 2016 in class

Total Points: 30

For all the exercises below copy and paste your queries, and paste the screenshot of the result you obtained. Submit printed hard copies.

Using the PART table you created previously (for reference see the table at page 2).

- 1) Display all the part numbers and descriptions in the same column, with a ‘-’ between the part number and the description. (7.5 points)

- 2) For all the parts, display the part number and inventory value (Inventory = on_hand * price). The display should be sorted by the inventory value, with the inventory value rounded and no decimal places are listed. (7.5 points)

- 3) Display the total inventory value (Inventory = on_hand * price), for all the parts in Warehouse 1. (7.5 points)

- 4) What is the part number, description and price of the most expensive part in the parts table? (7.5 points)

Hint: Use a subquery

Bonus Question: (5 points)

- 5) Display how many different classes the PART table has. (Hint: Use “COUNT” function)

PART Table

PART_NUM	DESCRIPTION	ON_HAND	CLASS	WAREHOUSE	PRICE
AT94	Iron	50	HW	3	\$24.95
BV06	Home Gym	45	SG	2	\$794.95
CD52	Microwave Oven	32	AP	1	\$165.00
DL71	Cordless Drill	21	HW	3	\$129.95
DR93	Gas Range	8	AP	2	\$495.00
DW11	Washer	12	AP	3	\$399.99
FD21	Stand Mixer	22	HW	3	\$159.95
KL62	Dryer	12	AP	1	\$349.95
KT03	Dishwasher	8	AP	3	\$595.00
KV29	Treadmill	9	SG	2	\$1,390.00