Lab 09 Submission from this page:

Save your lab file as a Word file. You need to submit a single Word file for this lab. ==*It is an individual submission*==

YOUR NAME AND STUDENT ID MUST BE IN THE Word document or you will receive a mark of ZERO.

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Student Number - 130759210

QUESTION 1

Examine the following report:

Premiere Corporation Parts List

Part Number	Part Description	Qnty On Hand	Class	Warehouse On Hand	Price
AX12	Iron	104	HW	3	24.95
AZ52	Dartboard	20	SG	2	12.95
BA74	Basketball	40	SG	1	29.95
BH22	Cornpopper	95	HW	3	24.95
BT04	GasGrill	11	AP	2	149.99
BZ66	Washer	52	AP	3	399.99
CA14	Griddle	78	HW	3	39.99
CB03	Bike	44	SG	1	299.99
CX11	Blender	112	HW	3	22.95
CZ81	Treadmill	68	SG	2	349.95

A.) What type of data does each line in the report represent?
Each line in the given relation, represents the parts' information owned by the Premiere Corporation. For an instance, the number given to each part, their description, quantities available at the moment, their class, warehouse of each of the parts and the price on them.

B.) What attributes can you identify from the user view?

___PartNumber_____   ___Class_____

___PartDescription____   __WarehouseOnHand____

___QuantityOnHand__   __Price_____

C.) What would be a suitable name for the UNF relation? __PARTSLIST_____

D) Which attribute would be suitable as a primary key?   ____PartNumber_____

E.) Describe the UNF relation using DBDL:

PARTSLIST [PartNumber, PartDescription, QuantityOnHand, Class, WarehouseOnHand, Price]
_____

QUESTION 2

For the following User View, determine the UNF and the 1NF and hand in this page to your instructor.

Premiere Corporation Order Detail Report

Order Number	Order Date	Cust number	Part Number	Part Desc	Number Ordered	Quoted Price	Total
12489	2016-09-02	124	AX12	Iron	11	14.95	164.45
12491	2016-09-02	311	BT04	GasGrill	1	149.99	149.99
			BZ66	Washer	2	399.99	799.98
12494	2016-09-04	315	CB03	Bike	4	279.99	1,119.96
12495	2016-09-04	256	CX11	Blender	2	22.95	45.90
12498	2016-09-05	522	AZ52	Dartboard	2	12.95	25.90
			BA74	Basketball	4	24.95	99.80
12500	2016-09-05	124	BT04	GasGrill	3	149.99	449.97
12504	2016-09-05	522	CZ81	Treadmill	2	325.99	651.98

UNF:
ORDER [PK OrderNumber, OrderDate, CustNumber, (PartNumber, PartDesc, NumberOrdered, QuotedPrice, Total)]

1NF:

ORDERLINES [PK <u>OrderNumber</u>, PK <u>PartNumber</u>, OrderDate, CustNumber, PartDesc, NumberOrdered, QuotedPrice, Total]