

## JOIN OPERATIONS MACHINE PROBLEM

### INSTRUCTION:

- A. Using XAMPP or WAMP access your modena database (from the previous exercise) in phpmyadmin.
- B. Using the command line, run the correct SQL script for the machine problems given below. Your output should look like the given output below.
- C. Don't forget to change the command prompt to your name (last name and first name).
- D. Snip your sql script and output and save it in MS Word format.
- E. Submit your word document for grading.

### Machine Problems:

1. List the client number, names of all clients who have viewed a property along with the property number and any comment supplied.

clientNo	fName	lName	propertyNo	comment
CR56	Aline	Stewart	PG36	too small
CR56	Aline	Stewart	PA14	
CR56	Aline	Stewart	PG4	
CR62	Mary	Tregear	PA14	no dining room
CR76	John	Kay	PG4	too remote

2. For each branch office, list the branch numbers, staff numbers and names of staff who manage properties and the properties(using property number) that they manage. Order your display by branch number, then by staff number, then lastly, by property number.

branchNo	staffNo	fName	lName	propertyNo
B003	SG14	David	Ford	PG16
B003	SG37	Ann	Beech	PG21
B003	SG37	Ann	Beech	PG36
B005	SL41	Julie	Lee	PL94
B007	SA9	Mary	Howe	PA14

3. For each branch, list the numbers and names of staff who manage properties, including the city in which the branch is located and the properties that the staff manage. The order of your display should be:  
branchNo,city,staffNo,fName,lName,propertyNo.

branchNo	city	staffNo	fName	lName	propertyNo
B003	Glasgow	SG14	David	Ford	PG16
B003	Glasgow	SG37	Ann	Beech	PG21
B003	Glasgow	SG37	Ann	Beech	PG36
B005	London	SL41	Julie	Lee	PL94
B007	Aberdeen	SA9	Mary	Howe	PA14

4. Find the number of properties handled by each staff member. Display by branchNo, staffNo, and myCount.

branchNo	staffNo	myCount
B003	SG14	1
B003	SG37	2
B005	SL41	1
B007	SA9	1

5. List all branch offices and any properties that are in the same city. Your display should look like: branchNo, bCity, propertyNo, pCity.

branchNo	bCity	propertyNo	pCity
B003	Glasgow	PG4	Glasgow
B004	Bristol	NULL	NULL
B002	London	PL94	London