CMSC 508
HW 5

Due: March 30

Now let's try MySQL. You can download this for free. The standard MySQL uses a command line interface. You may use that or you may try one of the many GUI's that work with MySQL.

1. Create the database (again)

S

S#	SNAME	STATUS	CITY
S1	Smith	20	London
S2	Jones	10	Paris
S3	Blake	30	Paris
S4	Clark	20	London
S5	Adams	30	Athens

P

P#	PNAME	COLOR	WEIGHT	CITY
P1	Nut	Red	12.0	London
P2	Bolt	Green	17.0	Paris
P3	Screw	Blue	17.0	Oslo
P4	Screw	Red	14.0	London
P5	Cam	Blue	12.0	Paris
P6	Cog	Red	19.0	London

SP

S#	P#	QTY
S1	P1	300
S1	P2	200
S1	P3	400
S1	P4	200
S1	P5	100
S1	P6	100
S2	P1	300
S2	P2	400
S3	P2	200
S4	P2	200
S4	P4	300
S4	P5	400

Answer these same queries (hint – look at the SQL generated for your queries by Access)

2. Find all the names of all the suppliers based in London
3. Find all part numbers and quantities supplied by supplier S4
4. Find all the part numbers supplied by supplier Smith
5. Find the names of all the suppliers who supply Blue parts

For submission:

- Create a dump file for your database. This is a text file (you can look at it using Notepad) and it will contain all the CREATE and INSERT commands to build your database. I can use the dump file to make your database on my computer. Submit this as an attachment on an e-mail
- Run each query. Embed a screen dump of the query and the result of running the query into Word.

6. Give two reasons why we want to put relations into 3NF.
7. What is the cost associated with decomposing into 3NF?