

database design work

Part 1. Convert the following databases to 3nf

Employees' Skills

<u>Employee</u>	<u>Skill</u>	<u>Current Work Location</u>
Jones	Typing	114 Main Street
Jones	Shorthand	114 Main Street
Jones	Whittling	114 Main Street
Bravo	Light Cleaning	73 Industrial Way
Ellis	Alchemy	73 Industrial Way
Ellis	Flying	73 Industrial Way
Harrison	Light Cleaning	73 Industrial Way

Electric Toothbrush Models

<u>Manufacturer</u>	<u>Model</u>	<u>Model Full Name</u>	<u>Manufacturer Country</u>
Forte	X-Prime	Forte X-Prime	Italy
Forte	Ultraclean	Forte Ultraclean	Italy
Dent-o-Fresh	EZbrush	Dent-o-Fresh EZBrush	USA
Kobayashi	ST-60	Kobayashi ST-60	Japan
Hoch	Toothmaster	Hoch Toothmaster	Germany
Hoch	X-Prime	Hoch X-Prime	Germany

Part 2. Database design

- a) Construct a database that supports the information on the page http://en.wikipedia.org/wiki/List_of_2012_Summer_Olympics_medal_winners

(and any linked pages that you think necessary). The deliverable should look similar to that on page 381 of our textbook. Anything unclear in the diagram should be explained by English text.

b) Using the database you created, write queries that answer the questions:

Who won medals in Women's Single Scull and what medal did they win?

Who won the most medals?