

INF1343, Winter 2012, Partial Answers to Part 1 of Week 5 Exercises

Part 1. Diveshop

Write queries that would use the “diveshop” database to answer the following questions. Each question needs to be answered with *one* query.

- Where is Amanda Gentry going?

Santa Barbara

- What items are being shipped to Amanda Gentry? Did she buy or rent them?

Short Sleeve Shorty-Men’s XL, rental
Hood - XL, rental

- What is the most expensive item (by sale price) that is available through Diveshop?

Dive Computer, \$650.00

- What is the most expensive item that has actually been bought? Who bought it?

Titanium Watch – Men’s, \$550.00, bought by Marcus Selby

- How much would it cost to travel to a place where a diver whose skill level is “Beginning” can see a fish called “Blue Angelfish”?

\$5000

- What is the name of a customer from San Francisco who ordered a trip that might include a visit to the wrecked ship “Star of Scotland”? (You will need to join five tables. The correct answer is “Barbara Wright”.)

Barbara Wright

When trying to answer those questions, you might find it handy to draw an ER diagram for the database first.