

GEO 426/595 - Lab 7

Due November 24, 2001

1. Implement your family database in an Access or Oracle™ relational database management system database.
 - Define your tables.
 - Load data into your tables.Show the SQL commands you used.
2. Write and execute the SQL statements necessary to answer the following queries:
 - Who is X's mother?
 - Who are X's children?
 - Who are X's parents?
 - Who are X's grandmothers?
 - Who are X's grandparents?
 - Who are X's grandchildren?
 - Who are X's uncles?
 - Which people are Aunts?
 - Who are X's cousins?**#NEW# Are X and Y relatives?**
3. Write a short description of the issues related to your database design and how you handled them. How did the SQL statements differ from the relational algebra defined in Lab 6?