Relational Databases with MySQL Week 2 Coding Assignment

1. I want to know how many employees with each title were born after 1965-01-01.

**SELECT** t.title, **count**(\*) **as** each\_title\_count

**FROM** employees e

**JOIN** titles t

**ON** e.emp\_no = t.emp\_no

**WHERE** e.birth\_date > '1965-01-01'

**GROUP** **BY** t.title;

2. I want to know the average salary per title

**SELECT** t.title, **avg**(s.salary) **as** average\_salary\_per\_title

**FROM** salaries s

**JOIN** titles t

**ON** s.emp\_no = t.emp\_no

**GROUP** **BY** t.title;

3. How much money was spent on salary for the marketing department between the years 1990 and 1992?

**SELECT** d.dept\_name, **sum**(s.salary) **as** Total\_Marketing\_Salary

**FROM** dept\_emp de

**JOIN** departments d

**ON** d.dept\_no = de.dept\_no

**JOIN** salaries s

**ON** de.emp\_no = s.emp\_no

**WHERE** d.dept\_name = 'Marketing'

**AND** **YEAR**(s.from\_date) <= 1992 **AND** **YEAR**(s.to\_date) >=1990;