Stevens Institute of Technology

Department of Computer Science

CS442: Database Management System

Fall 2016

**Handout 4. Simple SQL queries (**October 14, 2016)

Given the schema:

* + Student (snum, sname, major, level, age)
  + Class (name, meets\_date, room, fid)
  + Enrolled (snum, cname)
  + Faculty (fid, fname, deptid)

Write the SQL statement of the following queries.

* Q1: Find the department ID of the faculty member named *Adam Smith.*
* Q2: Find the names of all junior students (level=‘JR’) and older than 20
* Q3: Find the classes that have at least one enrollment.
* Q4: Find names and majors of students who have enrolled in at least one class.
* Q5: Find names of students who have enrolled in at least two classes.
* Q6: Find distinct names of all Juniors (*level = JR) enrolled in a* class taught by *Adam Smith.*
* Q7: Find the distinct names of all students who have enrolled in both CS442 and CS392.