**Exercise-6**

**Consider the following University database**

**Student (Stuid, Stuname, GPA, address, phone)**

**Professor (Pid, Pname, Paddress)**

**Course (Cid, cname, required)**

**Teaches (Pid, Cid, Year)**

**Takes (Sid, Cid, grade, year)**

Draw the conceptual schema and answer the following queries

1. List the names of all the people in the university database whose address contains the string “salt”.
2. List the names of all professors, and the names of all the courses they have taught (if any).
3. List the names of professors that have not taught a course since 2000 in descending order of name.
4. List the names of all students who have taken all the required CS courses.
5. Using the information about the courses each student took, compute their GPA.
6. List the name of all students whose GPA is different from 3.0.