(a)Get the names of courses in the CS department

S ← σ(Department=“CS”)(Course)

R ← π(Course\_name)(T);

(b) Get the names of students who got an 'A' in CS3380.

s1 ← ( σ Grade = ‘A’ ( (Section) section\_identifier = section\_identifier ⋈ (Grade\_report) )

s2 ← ( σ course\_number = ‘CS3380’ ( S1))

R← π Name ( (Student) student\_number = student\_number ⋈ (s2) )

1. (c) Get the instructors who have taught CS1310 and CS3380.

π Instructor ( σ course\_number = ‘CS1310’ AND course\_number = ‘CS3380’ (SECTION) )

1. (d) Get the instructors who have taught all courses of the CS department.

s1 ← π course\_number ( σ Department = ‘CS’ ( Course) )

s2 ← π Instructor ,course\_number ( (section ) course\_number =course\_number ⋈ (s1))

R ← π Instructor ( (s2) (s1) )