**1) Retrieve the list of all courses and grades of “Smith”.**

**2) List the names of students who took the section of ‘Database’ course offered in fall 2008 and their grades in that section.**

**3) List the prerequisites of the ‘Database’ course.**

**4) Create a view to retrieve the names of all senior students majoring in ‘CS’ (computer science).**

**5) Retrieve the names of all courses taught by Professor King in 2007 and 2008.**

**6) For each section taught by Professor King, retrieve the course number, semester, year, and number of students who tool the section.**

**7) Retrieve the name and transcript of each senior student (Class=2) majoring in CS. A transcript includes course name, course number, credit hours, semester, year and grade for each course completed by the student.**

**8) Write SQL update statements to do the following on the database schema.**

1. **Insert a new student, < ‘Johnson’,25,1, ‘Math’>, in the database.**
2. **Change the class of student ‘Smith’ to 2.**
3. **Insert a new course, < ‘Knowledge Engineering’, ‘CS4390’, 3, ‘CS’>.**
4. **Delete the record for the student whose name is ‘Smith’ and whose student number is 17.**