Appendix: Database Instance

Table 1: Students

StudentID	Name	Age	Gender
1	John	20	Male
2	Emily	22	Female
3	Michael	19	Male
4	Sarah	21	Female
5	William	20	Male
6	Jessica	23	Female

Table 2: Courses

CourseID	CourseName	Instructor
101	Math	Professor A
102	Science	Professor B
103	English	Professor C
104	History	Professor A
105	Computer Science	Professor D

Table 3: Enrollments

StudentID	CourseID	Score
1	101	85
1	102	92
2	101	78
3	104	88
4	102	76
5	103	95
6	105	82

1. Find all students who are male.

2. Select all courses (name) taught by Professor A.

3. Find StudentID, Name and Gender who enrolled in the Math course.

4. Find Student name and the corresponding course name and instructor if the student achieved a score between 80 – 90 (both bounds inclusive).

5. Select the names of students who are enrolled in courses taught by both Professor A

and Professor B.

6. Calculate the number of male students enrolled in each course.

7. Calculate the average score of female students.

8. Select the names of students who are enrolled in courses taught by the same instructor as the Math course.

9. Find the students who enrolled in every course.

10. Find students who have not enrolled in any courses.