# Name: Shayan Ali Khan

1. SELECT name, age FROM students WHERE gender = 'Female';
2. SELECT name FROM courses WHERE instructor IN (SELECT DISTINCT instructor FROM courses WHERE gender = 'Female');
3. SELECT name, grade FROM enrollments JOIN students ON

enrollments.student\_id = students.student\_id WHERE students.student\_id = 2;

1. SELECT AVG(age) FROM students WHERE gender = 'Male';
2. SELECT name, age FROM students ORDER BY age ASC LIMIT 3;
3. SELECT students.name FROM students JOIN enrollments ON

students.student\_id = enrollments.student\_id GROUP BY students.student\_id HAVING COUNT(DISTINCT enrollments.course\_id) > 2;

1. SELECT courses.name, AVG(grade) FROM courses JOIN enrollments ON

courses.course\_id = enrollments.course\_id GROUP BY courses.course\_id ORDER BY AVG(grade) DESC;

1. SELECT students.name, courses.name FROM students JOIN enrollments ON students.student\_id = enrollments.student\_id JOIN courses ON

enrollments.course\_id = courses.course\_id ORDER BY students.name ASC;

1. SELECT gender, COUNT(\*) FROM students GROUP BY gender;
2. SELECT students.name FROM students JOIN enrollments AS e1 ON students.student\_id = e1.student\_id JOIN enrollments AS e2 ON e1.student\_id = e2.student\_id JOIN courses ON e1.course\_id = courses.course\_id JOIN courses AS c2 ON e2.course\_id = c2.course\_id WHERE courses.name = 'English 101' AND c2.name = 'Math 101'