Scenario: University Course Management System

You are working with a university's course management system database. The database contains several tables representing different aspects of the university's operations. You'll be required to write SQL queries to extract meaningful information from this database.

Table: students

student_id	student_name	date_of_birth	gender
1001	John Smith	1998-05-15	Male
1002	Emily Brown	1999-02-22	Female
1003	Michael Chen	1997-09-10	Male
...	...	...	...

Table: courses

course_id	course_name	department
2001	Mathematics	Math
2002	Computer Science	Computer Science
2003	Literature	Humanities
...	...	...

Table: enrollments

enrollment_id	student_id	course_id	enrollment_date
3001	1001	2001	2023-03-10
3002	1002	2001	2023-03-12
3003	1001	2002	2023-03-15
3004	1003	2003	2023-03-17
...	...	...	...

Table: assignments

assignment_id	course_id	assignment_name	max_score
4001	2001	Midterm Exam	100
4002	2001	Final Exam	150
4003	2002	Project 1	200
...	...	...	...

Table: scores

score_id	student_id	assignment_id	score
5001	1001	4001	85
5002	1001	4002	135
5003	1002	4001	92
5004	1002	4002	142
...	...	...	...

Time: 60 minutes
Marks: 50

Tasks:

1. Write a query to find the average score for each assignment.

2. Write a query to retrieve the student name, department, and total number of courses enrolled for students who have enrolled in more than 1 course.

3. Write a query to find the courses that have the highest enrollment count.

4. Write a query to calculate the overall average score for each student.

5. Write a query to find the students who have scored above the overall average score in all their assignments.