



Q1: List All Students Query: Display all student information including their ID, first name, last name, email, and gender.

Student ID	First Name	Last Name	Email	Gender
1	John	Doe	john.doe@example.com	M
2	Jane	Smith	jane.smith@example.com	F
3	Mike	Johnson	mike.johnson@example.com	M
4	Sarah	Williams	sarah.williams@example.com	F
5	David	Brown	david.brown@example.com	M
6	Emily	Green	emily.green@example.com	F
7	Chris	White	chris.white@example.com	M
8	Alice	Black	alice.black@example.com	F
9	Bob	Gray	bob.gray@example.com	M
10	Anna	Blue	anna.blue@example.com	F
11	Tom	Red	tom.red@example.com	M
12	Lisa	Orange	lisa.orange@example.com	F
13	Kevin	Purple	kevin.purple@example.com	M
14	Nancy	Yellow	nancy.yellow@example.com	F
15	Paul	Pink	paul.pink@example.com	M
16	Michelle	Light Blue	michelle.lightblue@example.com	F
17	James	Light Green	james.lightgreen@example.com	M
18	Patricia	Light Yellow	patricia.lightyellow@example.com	F
19	Robert	Light Purple	robert.lightpurple@example.com	M
20	Elizabeth	Light Orange	elizabeth.lightorange@example.com	F

Q2: List All Instructors Query: Retrieve all instructor details.

Instructor ID	Instructor Name
1	John Doe
2	Jane Smith
3	Mike Johnson
4	Sarah Williams
5	David Brown
6	Emily Green
7	Chris White
8	Alice Black
9	Bob Gray
10	Anna Blue

Q3: List All Courses Query: Retrieve all course details along with the instructor ID.

Course ID	Course Name	Instructor ID
1	Math	1
2	Science	2
3	History	3
4	Art	4
5	Music	5
6	Physical Education	6
7	Computer Science	7
8	Business	8
9	Health	9
10	Language	10
11	Foreign Language	11
12	Psychology	12

Q4: List All Enrollments Query: Retrieve all student enrollments in courses.

Enrollment ID	Student ID	Course ID	Enrollment Date
1	1	1	2023-09-01
2	2	2	2023-09-02
3	3	3	2023-09-03
4	4	4	2023-09-04
5	5	5	2023-09-05
6	6	6	2023-09-06
7	7	7	2023-09-07
8	8	8	2023-09-08
9	9	9	2023-09-09
10	10	10	2023-09-10
11	11	11	2023-09-11
12	12	12	2023-09-12
13	13	13	2023-09-13
14	14	14	2023-09-14
15	15	15	2023-09-15
16	16	16	2023-09-16
17	17	17	2023-09-17
18	18	18	2023-09-18
19	19	19	2023-09-19
20	20	20	2023-09-20

Q5: List All Grades Query: Retrieve all grades for students in their respective courses.

Grade ID	Student ID	Course ID	Grade
1	1	1	A
2	2	2	B
3	3	3	C
4	4	4	D
5	5	5	E
6	6	6	F
7	7	7	G
8	8	8	H
9	9	9	I
10	10	10	J
11	11	11	K
12	12	12	L
13	13	13	M
14	14	14	N
15	15	15	O
16	16	16	P
17	17	17	Q
18	18	18	R
19	19	19	S
20	20	20	T

Q6: Fetch the Student Names along with Course Name
Query: Display the names of students along with the courses they are enrolled in.

Student ID	Student Name	Course Name
1	John Doe	Math
2	Jane Smith	Science
3	Mike Johnson	History
4	Sarah Williams	Art
5	David Brown	Music
6	Emily Green	Physical Education
7	Chris White	Computer Science
8	Alice Black	Business
9	Bob Gray	Health
10	Anna Blue	Language
11	Tom Red	Foreign Language
12	Lisa Orange	Psychology
13	Kevin Purple	Math
14	Nancy Yellow	Science
15	Paul Pink	History
16	Michelle Light Blue	Art
17	James Light Green	Music
18	Patricia Light Yellow	Physical Education
19	Robert Light Purple	Computer Science
20	Elizabeth Light Orange	Business

Q7: Fetch the Course Names along with Instructor Names
Query: Display course names along with their respective instructor names.

Course ID	Course Name	Instructor ID
1	Math	1
2	Science	2
3	History	3
4	Art	4
5	Music	5
6	Physical Education	6
7	Computer Science	7
8	Business	8
9	Health	9
10	Language	10
11	Foreign Language	11
12	Psychology	12
13	Math	13
14	Science	14
15	History	15
16	Art	16
17	Music	17
18	Physical Education	18
19	Computer Science	19
20	Business	20

Q8: Fetch the Student Name, Course Name, Instructor Name, and Grades for All Enrollments
Query: Retrieve the names of students, course names, instructor names, and the grades they received in their respective courses.

Enrollment ID	Student ID	Student Name	Course ID	Course Name	Instructor ID	Grade
1	1	John Doe	1	Math	1	A
2	2	Jane Smith	2	Science	2	B
3	3	Mike Johnson	3	History	3	C
4	4	Sarah Williams	4	Art	4	D
5	5	David Brown	5	Music	5	E
6	6	Emily Green	6	Physical Education	6	F
7	7	Chris White	7	Computer Science	7	G
8	8	Alice Black	8	Business	8	H
9	9	Bob Gray	9	Health	9	I
10	10	Anna Blue	10	Language	10	J
11	11	Tom Red	11	Foreign Language	11	K
12	12	Lisa Orange	12	Psychology	12	L
13	13	Kevin Purple	13	Math	13	M
14	14	Nancy Yellow	14	Science	14	N
15	15	Paul Pink	15	History	15	O
16	16	Michelle Light Blue	16	Art	16	P
17	17	James Light Green	17	Music	17	Q
18	18	Patricia Light Yellow	18	Physical Education	18	R
19	19	Robert Light Purple	19	Computer Science	19	S
20	20	Elizabeth Light Orange	20	Business	20	T

Q9: Fetch the Students Who Received an 'A' Grade in At Least One Course
Query: List all students who have received an 'A' grade in at least one course.

Student ID	Student Name
1	John Doe
13	Kevin Purple
16	Michelle Light Blue
17	James Light Green
19	Robert Light Purple
20	Elizabeth Light Orange

Q10: Stored Procedure to Retrieve All Students Enrolled in a Course Taught by a Specific Instructor
Query: A stored procedure that retrieves all students enrolled in a course taught by a given instructor.

Student ID	Student Name	Course Name
1	John Doe	Math
13	Kevin Purple	Math
16	Michelle Light Blue	Math
17	James Light Green	Math
19	Robert Light Purple	Math
20	Elizabeth Light Orange	Math

Q11: Create the Number of Students Enrolled in Each Course
Query: List the number of students enrolled in each course.

Course ID	Course Name	No. of Students
1	Math	10
2	Science	8
3	History	7
4	Art	6
5	Music	5
6	Physical Education	4
7	Computer Science	3
8	Business	2
9	Health	1
10	Language	1
11	Foreign Language	1
12	Psychology	1