**Tables Setup Example:**

**Students Table:**

| **StudentID** | **Name** | **ClassID** |
| --- | --- | --- |
| 1 | Alice | 101 |
| 2 | Bob | 102 |
| 3 | Charlie | 101 |

**Classes Table:**

| **ClassID** | **ClassName** | **TeacherID** |
| --- | --- | --- |
| 101 | Math | 201 |
| 102 | Science | 202 |
| 103 | History | 203 |

**Teachers Table:**

| **TeacherID** | **TeacherName** | **Subject** |
| --- | --- | --- |
| 201 | Mr. Smith | Math |
| 202 | Mrs. Jones | Science |
| 203 | Mr. Brown | History |

List all students along with their class names.

**Show all students, including those who are not assigned to any class.**

**List all classes and the students enrolled in them, including classes without students.**

Show all students and classes, even if they don't match.

List all students along with their teacher's name and subject.

List pairs of students who are in the same class.