

7.6. Specify the following queries in SQL on the database schema in Figure 1.2.

- A. Retrieve the names and major departments of all straight-A students (students who have a grade of A in all their courses).

```
SELECT Name, Major
FROM STUDENT
WHERE Student_number NOT IN (
    SELECT Student_number
    FROM GRADE_REPORT
    WHERE Grade != 'A'
);
```

- B. Retrieve the names and major departments of all students who do not have a grade of A in any of their courses.

```
SELECT Name, Major
FROM STUDENT
WHERE Student_number NOT IN {
    SELECT Student_number
    FROM GRADE_REPORT
    WHERE Grade = 'A'
};
```