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## 1112. Highest Grade For Each Student

**Medium**

55

1

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Table: Enrollments

```

+-----+-----+
| Column Name | Type |
+-----+-----+
| student_id  | int  |
| course_id   | int  |
| grade       | int  |
+-----+-----+
(student_id, course_id) is the primary key of this table.
    
```

Write a SQL query to find the highest grade with its corresponding course for each student. In case of a tie, you should find the course with the smallest increasing `student_id`.

The query result format is in the following example:

```

Enrollments table:
+-----+-----+-----+
| student_id | course_id | grade |
+-----+-----+-----+
| 2          | 2         | 95    |
| 2          | 3         | 95    |
| 1          | 1         | 90    |
| 1          | 2         | 99    |
| 3          | 1         | 80    |
| 3          | 2         | 75    |
| 3          | 3         | 82    |
+-----+-----+-----+
    
```

```

Result table:
+-----+-----+-----+
| student_id | course_id | grade |
+-----+-----+-----+
| 1          | 2         | 99    |
| 2          | 2         | 95    |
| 3          | 3         | 82    |
+-----+-----+-----+
    
```

Accepted 8,781

Submissions 12,861

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