

# 1050. Actors and Directors Who Cooperated At Least Three Times

## Description

Table: ActorDirector

Column Name	Type
actor_id	int
director_id	int
timestamp	int

timestamp is the primary key (column with unique values) for this table.

Write a solution to find all the pairs (actor\_id, director\_id) where the actor has cooperated with the director at least three times.

Return the result table in any order .

The result format is in the following example.

### Example 1:

**Input:**  
ActorDirector table:

actor_id	director_id	timestamp
1	1	0
1	1	1
1	1	2
1	2	3
1	2	4
2	1	5
2	1	6

**Output:**

actor_id	director_id
1	1

**Explanation:** The only pair is (1, 1) where they cooperated exactly 3 times.

