

Hands On 08

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- 1)

```
SELECT first_name, last_name
FROM actors
INTERSECT
SELECT first_name, last_name
FROM directors
```
- 2)

```
SELECT first_name, last_name
FROM actors
EXCEPT
SELECT first_name, last_name
FROM directors
```
- 3)

```
SELECT first_name, last_name
FROM actors
UNION
SELECT first_name, last_name
FROM directors
```
- 4)

```
SELECT m.name
FROM movies AS m
LEFT JOIN movies_directors AS md
ON md.movie_id = m.id
WHERE md.movie_id IS NULL;
```
- 5)

```
SELECT a.first_name, a.last_name
FROM actors AS a
LEFT JOIN roles AS r ON r.actor_id = a.id
GROUP BY a.id, a.first_name, a.last_name
HAVING COUNT(DISTINCT r.movie_id) < 2;
```
- 6)

```
SELECT m.year, mg.genre, COUNT(m.id) AS c
FROM movies AS m
JOIN movies_genres AS mg
ON mg.movie_id = m.id
LEFT JOIN (
    SELECT r.movie_id
    FROM roles AS r
    GROUP BY r.movie_id
    HAVING COUNT(DISTINCT r.actor_id) >= 2
) AS x
ON x.movie_id = m.id
WHERE x.movie_id IS NULL
GROUP BY m.year, mg.genre;
```