Kiểm tra cuối kì

2274802010922 - Ô Bảo Trí

Câu 1: Tạo dữ liệu mẫu

```
Note that Cypher queries must end with a semicolon.
neo4j@neo4j>
neo4j@neo4j>
                         CREATE (:Person {name: "Robert Zemeckis", birthYear: 1952, country: "USA", yearsWorked: 42});
CREATE (:Person {name: "Natalie Portman", birthYear: 1981, country: "Israel", yearsWorked: 25});
CREATE (:Person {name: "Christopher Nolan", birthYear: 1970, country: "UK", yearsWorked: 35});
CREATE (:Person {name: "Emma Watson", birthYear: 1990, country: "UK", yearsWorked: 15});
                          // Tạo các nút Movie
                        // Tạo các nút Movie
CREATE (:Movie {title: "Forrest Gump", year: 1994, type: "Drama", budget: 50});
CREATE (:Movie {title: "Sleepless in Seattle", year: 1993, type: "Romance", budget: 20});
CREATE (:Movie {title: "Saving Private Ryan", year: 1998, type: "War", budget: 70});
CREATE (:Movie {title: "Titanic", year: 1997, type: "Romance", budget: 200});
CREATE (:Movie {title: "The Terminal", year: 2004, type: "Drama", budget: 60});
CREATE (:Movie {title: "Catch Me If You Can", year: 2002, type: "Crime", budget: 52});
CREATE (:Movie {title: "Inception", year: 2010, type: "Sci-Fi", budget: 105});
CREATE (:Movie {title: "Interstellar", year: 2014, type: "Sci-Fi", budget: 105});
CREATE (:Movie {title: "Interstellar", year: 2014, type: "Sci-Fi", budget: 135});
                         // Quan hệ ACTED_IN MATCH (p:Person {name: "Tom Hanks"}), (m:Movie {title: "Forrest Gump"}) CREATE (p)-[:ACTED_IN {role: "Forrest", salary: 10}]->(m);
                         MATCH (p:Person {name: "Meg Ryan"}), (m:Movie {title: "Sleepless in Seattle"})
CREATE (p)-[:ACTED_IN {role: "Annie", salary: 4}]->(m);
                          // (Thêm các quan hệ tương tự cho các diễn viên và phim khác dựa theo bảng đề bài)
                         // Quantity Directors
MATCH (p:Person {name: "Steven Spielberg"}), (m:Movie {title: "Saving Private Ryan"})
CREATE (p)-[:DIRECTED {yearsSpent: 3}]->(m);
                          CREATE (p)-[:ACTED IN {role: "Annie", salary: 4}]->(m);
                          // (Thêm các quan hệ tương tự cho các diễn viên và phim khác dựa theo bảng đề bài)
                           // Quan hê DIRECTED
                          MATCH (p:Person {name: "Steven Spielberg"}), (m:Movie {title: "Saving Private Ryan"})
CREATE (p)-[:DIRECTED {yearsSpent: 3}]->(m);
                           // Ouan hê WORKED WITH
                          // Qualing wonker_win
MATCH (p1:Person fame: "Tom Hanks")), (p2:Person fame: "Steven Spielberg"))
CREATE (p1)-[:WORKED_WITH {projects: 3, lastYear: 2004}]->(p2);
ready to start consuming query after 258 ms, results consumed after another 0 ms Added 1 nodes, Set 4 properties, Added 1 labels
ready to start consuming query after 21 ms, results consumed after another 0 ms Added 1 nodes, Set 4 properties, Added 1 labels
0 rows
ready to start consuming query after 44 ms, results consumed after another 0 ms Added 1 nodes, Set 4 properties, Added 1 labels
ready to start consuming query after 17 ms, results consumed after another 0 ms
Added 1 nodes, Set 4 properties, Added 1 labels
ready to start consuming query after 15 ms, results consumed after another 0 ms Added 1 nodes, Set 4 properties, Added 1 labels
 0 rows
ready to start consuming query after 30 ms, results consumed after another 0 ms Added 1 nodes, Set 4 properties, Added 1 labels
0 rows
ready to start consuming query after 15 ms, results consumed after another 0 ms Added 1 nodes, Set 4 properties, Added 1 labels
0 rows ready to start consuming query after 15 ms, results consumed after another 0 ms \,
```

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Added 1 nodes, Set 4 properties, Added 1 labels
0 rows
ready to start consuming query after 37 ms, results consumed after another 0 ms
Added 1 nodes, Set 4 properties, Added 1 labels
0 rows
ready to start consuming query after 12 ms, results consumed after another 0 ms
Added 1 nodes, Set 4 properties, Added 1 labels
0 rows
ready to start consuming query after 14 ms, results consumed after another 0 ms
Added 1 nodes, Set 4 properties, Added 1 labels
0 rows
ready to start consuming query after 14 ms, results consumed after another 0 ms
Added 1 nodes, Set 4 properties, Added 1 labels
0 rows
ready to start consuming query after 14 ms, results consumed after another 0 ms
Added 1 nodes, Set 4 properties, Added 1 labels
0 rows
ready to start consuming query after 14 ms, results consumed after another 0 ms
Added 1 nodes, Set 4 properties, Added 1 labels
0 rows
ready to start consuming query after 13 ms, results consumed after another 0 ms
Added 1 nodes, Set 4 properties, Added 1 labels
0 rows
ready to start consuming query after 13 ms, results consumed after another 0 ms
Added 1 nodes, Set 4 properties, Added 1 labels
0 rows
ready to start consuming query after 30m ms, results consumed after another 0 ms
Created 1 relationships, Set 2 properties
0 rows
ready to start consuming query after 24 ms, results consumed after another 0 ms
Created 1 relationships, Set 2 properties
0 rows
ready to start consuming query after 77 ms, results consumed after another 0 ms
Created 1 relationships, Set 1 properties
0 rows
ready to start consuming query after 93 ms, results consumed after another 0 ms
Created 1 relationships, Set 2 properties
```

Câu 2: Tìm Phim và Người

1.

2.

Câu 3: Tìm bạn diễn và phim

1.

2.

3.

Câu 4: Đường đi và phân tích

1.

3.