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## Jakob Roberts - v00484900

## CSC370

## Assignment 3

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1.

SELECT id,character,billing FROM roles WHERE pid IN (SELECT pid FROM persons WHERE lastname = 'Eastwood') AND id IN (SELECT id FROM directors WHERE pid = 'Leone, Sergio (I)');

OR

WITH

per AS (SELECT pid FROM persons WHERE lastname = 'Eastwood'),

dir AS (SELECT id FROM directors WHERE pid = 'Leone, Sergio (I)')

SELECT id,character,billing FROM roles WHERE pid IN (SELECT pid FROM per) AND id IN (SELECT id FROM dir);

id | character | billing

-----------------------------------------+-----------+---------

Il buono, il brutto, il cattivo. (1966) | Blondie | 2

Per un pugno di dollari (1964) | Joe | 1drive

Per qualche dollaro in più (1965) | Monco | 1

(3 rows)

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2.

WITH

rate AS (SELECT id,rank FROM ratings WHERE votes >= 50000),

dir AS (SELECT id FROM directors WHERE pid IN (SELECT pid FROM persons WHERE lastname = 'Hitchcock' AND firstname = 'Alfred'))

SELECT title,year,rank FROM (rate NATURAL JOIN dir NATURAL JOIN productions);

title | year | rank

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Dial M for Murder | 1954 | 8.2

North by Northwest | 1959 | 8.4

Notorious | 1946 | 8.1

Psycho | 1960 | 8.6

Rear Window | 1954 | 8.6

Rebecca | 1940 | 8.2

Rope | 1948 | 8.1

Strangers on a Train | 1951 | 8.1

The Birds | 1963 | 7.8

Vertigo | 1958 | 8.4

(10 rows)

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3.

WITH

paul AS (SELECT id,character AS paulchar,billing AS paulbilling FROM roles WHERE pid = 'Newman, Paul (I)' AND character !~ '%Himself%\*'),

robert AS (SELECT id,character AS robchar,billing AS robbilling FROM roles WHERE pid = 'Redford, Robert (I)' AND character !~ '%\*Himself%\*'),

idlist AS ((SELECT id FROM paul) INTERSECT (SELECT id FROM robert))

SELECT title,year,rank,paulchar,paulbilling,robchar,robbilling FROM (idlist NATURAL JOIN ratings NATURAL JOIN paul NATURAL JOIN robert NATURAL JOIN productions) WHERE attr IS NULL;

title | year | rank | paulchar | paulbilling | robchar | robbilling

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Butch Cassidy and the Sundance Kid | 1969 | 8.2 | Butch Cassidy | 1 | The Sundance Kid | 2

Mickybo and Me | 2004 | 7.3 | Butch Cassidy | | The Sundance Kid |

The Sting | 1973 | 8.4 | Henry Gondorff | 1 | Johnny Hooker | 2

(3 rows)

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4.

WITH

locat AS (SELECT id,location FROM locations WHERE location = 'Victoria, British Columbia'),

epid AS (SELECT id,episodeof FROM episodes),

thejoin AS (SELECT episodeof AS id,location FROM (locat NATURAL JOIN epid))

SELECT DISTINCT id,year,location FROM (thejoin NATURAL JOIN productions) WHERE year >=2000 AND attr = 'TV-series';

id | year | location

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"Cedar Cove" (2013) | 2013 | Victoria, British Columbia

"Improbabilia" (2013) | 2013 | Victoria, British Columbia

"Senior Living on Location" (2012) | 2012 | Victoria, British Columbia

"Spooksville" (2013) | 2013 | Victoria, British Columbia

"Eaux troubles du crime" (2007) | 2007 | Victoria, British Columbia

"World's Most Extreme Homes" (2006) | 2006 | Victoria, British Columbia

"Glutton for Punishment" (2007) | 2007 | Victoria, British Columbia

"The Dead Zone" (2002) | 2002 | Victoria, British Columbia

(8 rows)

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5.

WITH

epid AS (SELECT id FROM episodes WHERE episodeof = '"Hora Marcada" (1986)'),

dirlink AS (SELECT DISTINCT pid FROM directors WHERE id IN (SELECT \* FROM epid)),

thejoin AS (SELECT pid,id,language,attr FROM (directors NATURAL JOIN productions NATURAL JOIN languages)),

engdir AS (SELECT \* FROM thejoin WHERE language = 'English' AND attr IS NULL),

comb AS (SELECT \* FROM (engdir NATURAL JOIN dirlink)),

rnk AS (SELECT id,rank FROM ratings WHERE id IN (SELECT id FROM thejoin))

SELECT pid,id,rank FROM (comb LEFT JOIN rnk USING (id)) ORDER BY rank DESC NULLS LAST, id;

pid | id | rank

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Cuarón, Alfonso | Children of Men (2006) | 7.9

Cuarón, Alfonso | Gravity (2013) | 7.9

Cuarón, Alfonso | Harry Potter and the Prisoner of Azkaban (2004) | 7.8

Cuarón, Alfonso | A Little Princess (1995) | 7.7

Cuarón, Alfonso | Vengeance Is Mine (1983) | 7.4

Cuarón, Alfonso | Paris, je t'aime (2006) | 7.3

Cuarón, Alfonso | Sólo con tu pareja (1991) | 7.2

del Toro, Guillermo | Hellboy II: The Golden Army (2008) | 7

del Toro, Guillermo | Pacific Rim (2013) | 7

del Toro, Guillermo | Cronos (1993) | 6.8

Cuarón, Alfonso | Great Expectations (1998) | 6.8

del Toro, Guillermo | Hellboy (2004) | 6.8

del Toro, Guillermo | Blade II (2002) | 6.7

Silva, Batan | After Darkness (2013) | 6.1

del Toro, Guillermo | Mimic (1997) | 5.9

Gurrola, Alfredo (I) | Cabalgando con la muerte (1989) | 5.7

del Toro, Guillermo | At the Mountains of Madness (????) |

del Toro, Guillermo | Crimson Peak (2015) |

del Toro, Guillermo | Hellboy 3 (????) |

del Toro, Guillermo | Pacific Rim 2 (2017) |

del Toro, Guillermo | Pinocchio (????/II) |

del Toro, Guillermo | Saturn and the End of Days (????) |

Cuarón, Alfonso | Tales from the Hanging Head (????) |

del Toro, Guillermo | The Haunted Mansion (????) |

del Toro, Guillermo | The Witches (????) |

(25 rows)

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