Homework 7

1.

**SELECT** \* **FROM** actor **WHERE** last\_name = 'Kilmer'

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2.

**SELECT** **COUNT**(**DISTINCT** last\_name) **AS** unique\_last\_names **FROM** actor

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3.

**SELECT** last\_name, first\_name, email **FROM** customer **ORDER** **BY** last\_name

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4.

**SELECT** last\_name, first\_name, email

**FROM** customer

**WHERE** active = 0

**ORDER** **BY** last\_name

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5.

**SELECT** last\_name, first\_name, address, phone, district

**FROM** customer

**inner** **JOIN** address **ON** customer.address\_id = address.address\_id;

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6.

**SELECT** last\_name, first\_name, address, phone, district, city, country

**FROM** customer

**inner** **JOIN** address **ON** customer.address\_id = address.address\_id

**inner** **join** city **on** address.city\_id = city.city\_id

**inner** **join** country **on** city.country\_id = country.country\_id

**where** active=0;

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7.  
**SELECT** title, rental\_rate, language\_id

**FROM** film

**inner** **join** film\_category **on** film.film\_id = film\_category.film\_id

**WHERE** category\_id = 14;

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8.

**SELECT** **count**(**distinct** title)

**FROM** film

**inner** **join** film\_category on film.film\_id = film\_category.film\_id

**WHERE** category\_id = 1;

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9.

**SELECT** **count**(inventory.film\_id )

**FROM** inventory

**inner** **join** film\_category **on** inventory.film\_id = film\_category.film\_id

**WHERE** category\_id = 1;

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10.  
**SELECT** title, rental\_duration

**FROM** sakila.film

**WHERE** replacement\_cost **BETWEEN** 15 **AND** 23;

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11.

**SELECT** title

**FROM** sakila.film

**inner** **join** film\_category **on** film.film\_id = film\_category.film\_id

**WHERE** category\_id = 1 **AND** rating **IN** ('PG-13', 'R', 'NC-17');

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12.

**SELECT** **AVG**(**length**)

**FROM** film

**inner** **join** film\_category **on** film.film\_id = film\_category.film\_id

**WHERE** category\_id=3;

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13.

**SELECT** actor.last\_name, actor.first\_name, title

**FROM** actor

**inner** **join** film\_actor **on** actor.actor\_id = film\_actor.actor\_id

**inner** **join** film\_category **on** film\_actor.film\_id = film\_category.film\_id

**inner** **join** film **on** film.film\_id = film\_category.film\_id

**WHERE** category\_id=11 **or** category\_id=9 **or** category\_id=8

**ORDER** **BY** actor.last\_name;

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14.

**SELECT** actor.last\_name, actor.first\_name, title, category.name **as** category

**FROM** actor

**inner** **join** film\_actor **on** actor.actor\_id = film\_actor.actor\_id

**inner** **join** film\_category **on** film\_actor.film\_id = film\_category.film\_id

**inner** **join** film **on** film.film\_id = film\_category.film\_id

**inner** **join** category **on** film\_category.category\_id = category.category\_id

**WHERE** category.category\_id =11 **or** category.category\_id=8

**ORDER** **BY** actor.last\_name;

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15.

**SELECT** c.last\_name, c.first\_name, c.email

**FROM** sakila.customer c

**JOIN** sakila.rental r **ON** c.customer\_id = r.customer\_id

**JOIN** sakila.inventory i **ON** r.inventory\_id = i.inventory\_id

**JOIN** sakila.film\_actor fa **ON** i.film\_id = fa.film\_id

**JOIN** sakila.actor a **ON** fa.actor\_id = a.actor\_id

**WHERE** a.first\_name **IN** ('NICK', 'MATTHEW', 'RITA') **AND** a.last\_name **IN** ('WAHLBERG', 'JOHANSSON', 'REYNOLDS')

**GROUP** **BY** c.customer\_id;

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16.

**SELECT** f.title

**FROM** sakila.customer c

**JOIN** sakila.rental r **ON** c.customer\_id = r.customer\_id

**JOIN** sakila.inventory i **ON** r.inventory\_id = i.inventory\_id

**JOIN** sakila.film f **ON** i.film\_id = f.film\_id

**WHERE** c.first\_name = 'HOLLY' **AND** c.last\_name = 'FOX';

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17.

**SELECT** c.first\_name, c.last\_name, a.address, ci.city, a.postal\_code

**FROM** sakila.customer c

**JOIN** sakila.payment p **ON** c.customer\_id = p.customer\_id

**JOIN** sakila.address a **ON** c.address\_id = a.address\_id

**JOIN** sakila.city ci **ON** a.city\_id = ci.city\_id

**WHERE** p.amount **BETWEEN** 10 **AND** 12

**GROUP** **BY** c.customer\_id;

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18.

**SELECT** title, description

**FROM** sakila.film

**WHERE** language\_id <> 1; # Assuming 1 is the ID for English

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