DATA INSERTION

*/\* movies \*/* describe movie;

insert into movie values (1111, 'Star Wars: The Rise of Skywalker', 2019, 141, 'The surviving Resistance faces the First Order once more in the final chapter of the Skywalker saga.');  
insert into movie values (1112, 'Joker', 2019, 122, 'Forever alone in a crowd, failed comedian Arthur Fleck seeks connection as he walks the streets of Gotham City. Arthur wears two masks -- the one he paints for his day job as a clown, and the guise he projects in a futile attempt to feel like he''s part of the world around him.');  
insert into movie values (1113, "Avengers: Endgame", 2019, 181, 'After the devastating events of Avengers: Infinity War, the universe is in ruins due to the efforts of the Mad Titan, Thanos. With the help of remaining allies, the Avengers assemble once more in order to reverse Thanos'' actions and restore balance to the universe.');  
INSERT INTO movie values (1114, 'The Terminator', 1984, 107, 'A human soldier is sent from 2029 to 1984 to stop an almost indestructible cyborg killing machine, sent from the same year, which has been programmed to execute a young woman whose unborn son is the key to humanity\'s future salvation.');

INSERT INTO movie VALUES (1115, 'The Silence of the Lambs', 1991, 118, 'A young F.B.I. cadet must receive the help of an incarcerated and manipulative cannibal killer to help catch another serial killer, a madman who skins his victims.');

INSERT INTO movie (movie\_id, title, release\_year, runtime\_min, description) VALUES (1116, 'Star Wars: Episode V - The Empire Strikes Back', 1980, 124, 'After the Rebels are brutally overpowered by the Empire on the ice planet Hoth, Luke Skywalker begins Jedi training with Yoda, while his friends are pursued by Darth Vader and a bounty hunter named Boba Fett.');

INSERT INTO movie (movie\_id, title, release\_year, runtime\_min, description) VALUES (1117, 'The Prestige', 2006, 130, 'After a tragic accident, two stage magicians engage in a battle to create the ultimate illusion while sacrificing everything they have to outwit each other.');

INSERT INTO movie (movie\_id, title, release\_year, runtime\_min, description) VALUES (1118, 'Fight Club', 1999, 139, 'An insomniac office worker and a devil- may-care soap maker form an underground fight club that evolves into much more.');

INSERT INTO movie (movie\_id, title, release\_year, runtime\_min, description) VALUES (1119, 'Inception', 2010, 148, 'A thief who steals corporate secrets through the use of dream-sharing technology is given the inverse task of planting an idea into the mind of a C.E.O.');

/\* genre \*/

describe genre;  
insert into genre values (1, 'Action'); insert into genre values (2, 'Adventure'); insert into genre values (3, 'Comedy'); insert into genre values (4, 'Crime'); insert into genre values (5, 'Drama'); insert into genre values (6, 'Fantasy'); insert into genre values (7, 'Horror'); insert into genre values (8, 'Mystery'); insert into genre values (9, 'Romance'); insert into genre values (10, 'Sci-Fi'); insert into genre values (11, 'Thriller');

/\* has genre \*/

describe has\_genre;

insert into has\_genre values (1, 1111); insert into has\_genre values (2, 1111); insert into has\_genre values (10, 1111);

insert into has\_genre values (4, 1112); insert into has\_genre values (5, 1112); insert into has\_genre values (11, 1112);

insert into has\_genre values (1, 1113); insert into has\_genre values (2, 1113); insert into has\_genre values (10, 1113); insert into has\_genre values (11, 1113);

INSERT INTO has\_genre (genre\_id, movie\_id) VALUES (1, 1114), (6, 1114), (10, 1114);

INSERT INTO has\_genre (genre\_id, movie\_id) VALUES (4, 1115), (5, 1115), (8, 1115);

INSERT INTO has\_genre (genre\_id, movie\_id) VALUES (1, 1116), (2, 1116), (10, 1116);

INSERT INTO has\_genre (genre\_id, movie\_id) VALUES (4, 1117), (5, 1117), (8, 1117);

INSERT INTO has\_genre (genre\_id, movie\_id) VALUES (1, 1118), (5, 1118), (11, 1118);

INSERT INTO has\_genre (genre\_id, movie\_id) VALUES (1, 1119), (5, 1119), (10, 1119);

/\* worked in \*/

describe worked\_in;

insert into worked\_in values ('J.J. Abrams', 'Director', 1111); insert into worked\_in values ('Chris Terrio', 'Writer', 1111); insert into worked\_in values ('Kathleen Kennedy', 'Producer', 1111); insert into worked\_in values ('Ram Bergman', 'Producer', 1111); insert into worked\_in values ('Ben Burtt', 'Sound', 1111);

insert into worked\_in values ('Christopher Scarabosio', 'Sound', 1111); insert into worked\_in values ('Mark Hammil', 'Actor', 1111);  
insert into worked\_in values ('Carrie Fisher', 'Actor', 1111);  
insert into worked\_in values ('Adam Driver', 'Actor', 1111);

insert into worked\_in values ('Todd Phillips', 'Director', 1112); insert into worked\_in values ('Scott Silver', 'Writer', 1112); insert into worked\_in values ('Bradley Cooper', 'Producer', 1112); insert into worked\_in values ('Joaquin Phoenix', 'Actor', 1112); insert into worked\_in values ('Robert De Niro', 'Actor', 1112); insert into worked\_in values ('Zazie Beetz', 'Actor', 1112);

insert into worked\_in values ('Anthony Russo', 'Director', 1113);

insert into worked\_in values ('Joe Russo', 'Director', 1113);  
insert into worked\_in values ('Christopher Markus', 'Writer', 1113);

insert into worked\_in values ('Stephen McFeely', 'Writer', 1113);

insert into worked\_in values ('Kevin Feige', 'Producer', 1113);  
insert into worked\_in values ('Robert Downey Jr.', 'Actor', 1113);

insert into worked\_in values ('Chris Evans', 'Actor', 1113);  
insert into worked\_in values ('Mark Ruffalo', 'Actor', 1113);  
insert into worked\_in values ('Chris Hemsworth', 'Actor', 1113);

INSERT INTO worked\_in (name, role, movie\_id) VALUES  
('Tom Cruise', 'Actor', 1114),  
('Ving Rhames', 'Actor', 1114),  
('Simon Pegg', 'Actor', 1114),  
('Rebecca Ferguson', 'Actor', 1114),  
('Sean Harris', 'Actor', 1114), ('Christopher McQuarrie', 'Director', 1114), ('David Ellison', 'Producer', 1114), ('Dana Goldberg', 'Producer', 1114), ('Don Granger', 'Producer', 1114), ('Jake Myers', 'Producer', 1114), ('Lauren Shuler Donner', 'Producer', 1114), ('Jez Butterworth', 'Writer', 1114), ('John-Henry Butterworth', 'Writer', 1114), ('Richard Pearson', 'Sound', 1114);

INSERT INTO worked\_in (name, role, movie\_id) VALUES  
('Al Pacino', 'Actor', 1115), ('Steven Bauer', 'Actor', 1115), ('Michelle Pfeiffer', 'Actor', 1115), ('Mary Elizabeth Mastrantonio', 'Actor', 1115), ('Robert Loggia', 'Actor', 1115), ('Brian De Palma', 'Director', 1115), ('Martin Bregman', 'Producer', 1115), ('Peter Saphier', 'Producer', 1115), ('Oliver Stone', 'Writer', 1115), ('Giorgio Moroder', 'Sound', 1115);

INSERT INTO worked\_in (name, role, movie\_id) VALUES

('Robert Downey Jr.', 'Actor', 1116), ('Chris Hemsworth', 'Actor', 1116), ('Mark Ruffalo', 'Actor', 1116), ('Chris Evans', 'Actor', 1116), ('Scarlett Johansson', 'Actor', 1116), ('Joss Whedon', 'Director', 1116), ('Kevin Feige', 'Producer', 1116), ('Joss Whedon', 'Writer', 1116), ('Christopher Boyes', 'Sound', 1116), ('Lora Hirschberg', 'Sound', 1116);

INSERT INTO worked\_in (name, role, movie\_id) VALUES ('Morgan Freeman', 'Actor', 1117), ('Ashley Judd', 'Actor', 1117), ('Cary Elwes', 'Actor', 1117), ('Tony Goldwyn', 'Actor', 1117), ('Jay O. Sanders', 'Actor', 1117), ('Gary Fleder', 'Director', 1117), ('Gary Levinsohn', 'Producer', 1117), ('Richard D. Zanuck', 'Producer', 1117), ('David Klass', 'Writer', 1117), ('Mark Isham', 'Sound', 1117);

insert into worked\_in values

('Riley Keough', 'Actor', 1118),  
('Christopher Abbott', 'Actor', 1118), ('Kelvin Harrison Jr.', 'Actor', 1118), ('Carmen Ejogo', 'Actor', 1118),  
('Griffin Robert Faulkner', 'Actor', 1118), ('Budapest Scoring Orchestra', 'Sound', 1118), ('Trey Edward Shults', 'Director', 1118), ('Trey Edward Shults', 'Writer', 1118), ('David Kaplan', 'Producer', 1118);

insert into worked\_in values  
('Kathryn Newton', 'Actor', 1119), ('Vince Vaughn', 'Actor', 1119), ('Celeste O Connor', 'Actor', 1119), ('Misha Osherovich', 'Actor', 1119), ('Uriah Shelton', 'Actor', 1119),  
('Alan Ruck', 'Actor', 1119),  
('Katie Finneran', 'Actor', 1119),  
('Dana Drori', 'Actor', 1119),  
('Nicholas Stoller', 'Writer', 1119), ('Christopher Landon', 'Director', 1119), ('Jason Blum', 'Producer', 1119);

INSERT INTO subscription (subscription\_id, months, price) VALUES

(1, 1, 10),

(2, 3, 25),

(3, 6, 45),

(4, 12, 80),

(5, 24, 150);

insert into has\_subscription (username, start\_date, subscription\_id) values  
('johndoe', '2022-01-01', 1),  
('janedoe', '2022-02-15', 2),

('bobsmith', '2022-03-01', 3), ('alicewong', '2022-04-30', 4), ('davidchen', '2022-05-15', 5);

INSERT INTO rated (rating, username, movie\_id) VALUES

(4, 'alicewong', 1111), (3, 'bobsmith', 1111), (5, 'davidchen', 1111), (4, 'alicewong', 1112), (5, 'bobsmith', 1112), (4, 'davidchen', 1112), (5, 'janedoe', 1113), (4, 'johndoe', 1113), (5, 'alicewong', 1114), (4, 'bobsmith', 1114), (4, 'davidchen', 1114), (5, 'janedoe', 1115), (4, 'johndoe', 1115), (5, 'alicewong', 1116), (5, 'bobsmith', 1116), (4, 'davidchen', 1116), (5, 'janedoe', 1117), (4, 'johndoe', 1117), (5, 'alicewong', 1118), (5, 'bobsmith', 1118), (4, 'davidchen', 1118), (5, 'janedoe', 1119), (5, 'johndoe', 1119);

insert into watch\_progress values (50, '2022-04-15', 'alicewong', 1111), (80, '2022-04-14', 'bobsmith', 1111), (25, '2022-04-13', 'davidchen', 1111), (90, '2022-04-12', 'janedoe', 1111), (10, '2022-04-11', 'johndoe', 1111), (70, '2022-04-10', 'alicewong', 1112), (20, '2022-04-09', 'bobsmith', 1112), (30, '2022-04-08', 'davidchen', 1112), (100, '2022-04-07', 'janedoe', 1112), (50, '2022-04-06', 'johndoe', 1112), (75, '2022-04-05', 'alicewong', 1113), (60, '2022-04-04', 'bobsmith', 1113), (45, '2022-04-03', 'davidchen', 1113), (30, '2022-04-02', 'janedoe', 1113), (15, '2022-04-01', 'johndoe', 1113), (40, '2022-03-31', 'alicewong', 1114), (80, '2022-03-30', 'bobsmith', 1114), (25, '2022-03-29', 'davidchen', 1114), (10, '2022-03-28', 'janedoe', 1114), (50, '2022-03-27', 'johndoe', 1114), (60, '2022-03-26', 'alicewong', 1115), (30, '2022-03-25', 'bobsmith', 1115), (80, '2022-03-24', 'davidchen', 1115), (100, '2022-03-23', 'janedoe', 1115), (40, '2022-03-22', 'johndoe', 1115), (50, '2022-03-21', 'alicewong', 1116), (60, '2022-03-20', 'bobsmith', 1116),

(70, '2022-03-19', 'davidchen', 1116), (80, '2022-03-18', 'janedoe', 1116), (90, '2022-03-17', 'johndoe', 1116), (100, '2022-03-16', 'alicewong', 1117), (80, '2022-03-15', 'bobsmith', 1117), (60, '2022-03-14', 'davidchen', 1117), (50, '2023-04-14', 'bobsmith', 1118), (75, '2023-04-13', 'davidchen', 1118), (100, '2023-04-12', 'janedoe', 1118), (10, '2023-04-11', 'alicewong', 1119), (20, '2023-04-10', 'bobsmith', 1119), (30, '2023-04-09', 'davidchen', 1119), (40, '2023-04-08', 'janedoe', 1119), (50, '2023-04-07', 'johndoe', 1119);

INSERT INTO users VALUES

('johndoe', 'John Doe', 'johndoe@example.com', 'password123'), ('janedoe', 'Jane Doe', 'janedoe@example.com', 'password456'), ('bobsmith', 'Bob Smith', 'bobsmith@example.com', 'password789'), ('alicewong', 'Alice Wong', 'alicewong@example.com', 'password321'), ('davidchen', 'David Chen', 'davidchen@example.com', 'password654');

/\* has subtitle \*/

describe has\_subtitle;

('English', 1111);

('Hindi', 1111);

('English', 1112);

('Hindi', 1112);

('English', 1113);

('Hindi', 1113);

insert into has\_subtitle values ('English', 1111);

insert into has\_subtitle values ('English', 1112);

insert into has\_subtitle values ('English', 1113);

insert into has\_subtitle values ('English', 1114),  
('French', 1115),  
('Spanish', 1116),

('English', 1117),

('French', 1118),

('Spanish', 1119);

insert into has\_audio\_track values

('English', 1111);

('Hindi', 1111);

('English', 1112);

('Hindi', 1112);

('English', 1113);

('Hindi', 1113);

('English', 1114),  
('Spanish', 1114),  
('English', 1115),

('French', 1115),

('Spanish', 1115),

('English', 1116),

('French', 1116),

('English', 1117),

('Spanish', 1117),

('English', 1118),

('French', 1118),

('English', 1119),

('Spanish', 1119);