Controllers - Part 1 - Individual Exercises

All exercises will be using the dvdstore database. DAOs are already created, except for the Customer Search, where you will fill in the data access methods.

Actor Search
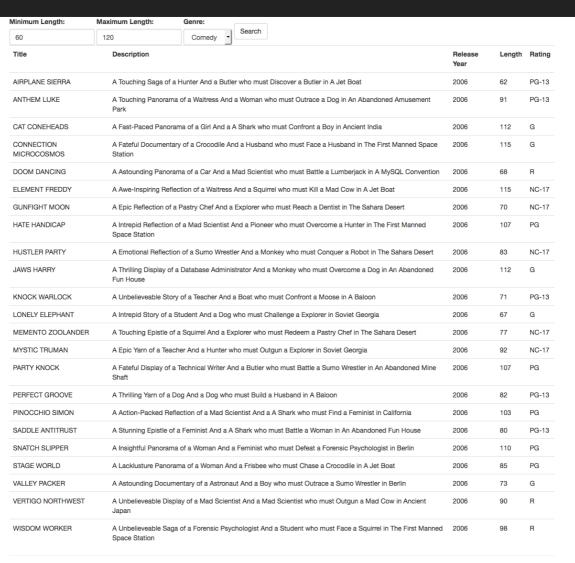
Given a search string, display all the actors whose `last_name` contains that search string. Display should show `first_name` and `last_name`.

Film Search

Given a minimum length, maximum length and genre, display a list of movies that match the search. Minimum and Maximum length could both be blank. Display should show `title`, `description`, `release_year`, `length` and `rating`.

Minimum Length:	Maximum Length:	Genre:	
60	120	Comedy ▾	Search

Title	Description	Release Year	Length	Rating
AIRPLANE SIERRA	A Touching Saga of a Hunter And a Butler who must Discover a Butler in A Jet Boat	2006	62	PG-13
ANTHEM LUKE	A Touching Panorama of a Waitress And a Woman who must Outrace a Dog in An Abandoned Amusement Park	2006	91	PG-13
CAT CONEHEADS	A Fast-Paced Panorama of a Girl And a A Shark who must Confront a Boy in Ancient India	2006	112	G
CONNECTION MICROCOSMOS	A Fateful Documentary of a Crocodile And a Husband who must Face a Husband in The First Manned Space Station	2006	115	G
DOOM DANCING	A Astounding Panorama of a Car And a Mad Scientist who must Battle a Lumberjack in A MySQL Convention	2006	68	R
ELEMENT FREDDY	A Awe-Inspiring Reflection of a Waitress And a Squirrel who must Kill a Mad Cow in A Jet Boat	2006	115	NC-17
GUNFIGHT MOON	A Epic Reflection of a Pastry Chef And a Explorer who must Reach a Dentist in The Sahara Desert	2006	70	NC-17
HATE HANDICAP	A Intrepid Reflection of a Mad Scientist And a Pioneer who must Overcome a Hunter in The First Manned Space Station	2006	107	PG
HUSTLER PARTY	A Emotional Reflection of a Sumo Wrestler And a Monkey who must Conquer a Robot in The Sahara Desert	2006	83	NC-17
JAWS HARRY	A Thrilling Display of a Database Administrator And a Monkey who must Overcome a Dog in An Abandoned Fun House	2006	112	G
KNOCK WARLOCK	A Unbelieveable Story of a Teacher And a Boat who must Confront a Moose in A Baloon	2006	71	PG-13
LONELY ELEPHANT	A Intrepid Story of a Student And a Dog who must Challenge a Explorer in Soviet Georgia	2006	67	G
MEMENTO ZOOLANDER	A Touching Epistle of a Squirrel And a Explorer who must Redeem a Pastry Chef in The Sahara Desert	2006	77	NC-17
MYSTIC TRUMAN	A Epic Yarn of a Teacher And a Hunter who must Outgun a Explorer in Soviet Georgia	2006	92	NC-17
PARTY KNOCK	A Fateful Display of a Technical Writer And a Butler who must Battle a Sumo Wrestler in An Abandoned Mine Shaft	2006	107	PG
PERFECT GROOVE	A Thrilling Yarn of a Dog And a Dog who must Build a Husband in A Baloon	2006	82	PG-13
PINOCCHIO SIMON	A Action-Packed Reflection of a Mad Scientist And a A Shark who must Find a Feminist in California	2006	103	PG
SADDLE ANTITRUST	A Stunning Epistle of a Feminist And a A Shark who must Battle a Woman in An Abandoned Fun House	2006	80	PG-13
SNATCH SLIPPER	A Insightful Panorama of a Woman And a Feminist who must Defeat a Forensic Psychologist in Berlin	2006	110	PG
STAGE WORLD	A Lacklusture Panorama of a Woman And a Frisbee who must Chase a Crocodile in A Jet Boat	2006	85	PG
VALLEY PACKER	A Astounding Documentary of a Astronaut And a Boy who must Outrace a Sumo Wrestler in Berlin	2006	73	G
VERTIGO NORTHWEST	A Unbelieveable Display of a Mad Scientist And a Mad Scientist who must Outgun a Mad Cow in Ancient Japan	2006	90	R
WISDOM WORKER	A Unbelieveable Saga of a Forensic Psychologist And a Student who must Face a Squirrel in The First Manned Space Station	2006	98	R

Customer Search

Take a name search and a sort order, display all customers whose `first_name` or `last_name` match the search, in the order specified. The sort order could be by `last_name`, `email`, or `active`. DALs will need to be made for this exercise.

Name	Email	Active
LISA ANDERSON	LISA.ANDERSON@sakilacustomer.org	Yes
RUSSELL BRINSON	RUSSELL.BRINSON@sakilacustomer.org	Yes
SIDNEY BURLESON	SIDNEY.BURLESON@sakilacustomer.org	Yes
TERRY CARLSON	TERRY.CARLSON@sakilacustomer.org	Yes
NELSON CHRISTENSON	NELSON.CHRISTENSON@sakilacustomer.org	Yes
PATSY DAVIDSON	PATSY.DAVIDSON@sakilacustomer.org	Yes
BERTHA FERGUSON	BERTHA.FERGUSON@sakilacustomer.org	Yes
VICTORIA GIBSON	VICTORIA.GIBSON@sakilacustomer.org	Yes
SONIA GREGORY	SONIA.GREGORY@sakilacustomer.org	Yes
TERRENCE GUNDERSON	TERRENCE.GUNDERSON@sakilacustomer.org	Yes
VIOLA HANSON	VIOLA.HANSON@sakilacustomer.org	Yes
BRYAN HARDISON	BRYAN.HARDISON@sakilacustomer.org	Yes
WENDY HARRISON	WENDY.HARRISON@sakilacustomer.org	Yes
ANDREA HENDERSON	ANDREA.HENDERSON@sakilacustomer.org	Yes
LAUREN HUDSON	LAUREN.HUDSON@sakilacustomer.org	Yes
KAREN JACKSON	KAREN.JACKSON@sakilacustomer.org	Yes
PATRICIA JOHNSON	PATRICIA.JOHNSON@sakilacustomer.org	Yes
HEIDI LARSON	HEIDI.LARSON@sakilacustomer.org	Yes
JEANNE LAWSON	JEANNE.LAWSON@sakilacustomer.org	Yes
JUANITA MASON	JUANITA.MASON@sakilacustomer.org	Yes
BESSIE MORRISON	BESSIE.MORRISON@sakilacustomer.org	Yes
JASON MORRISSEY	JASON.MORRISSEY@sakilacustomer.org	Yes
DEBRA NELSON	DEBRA.NELSON@sakilacustomer.org	Yes
ANNETTE OLSON	ANNETTE.OLSON@sakilacustomer.org	Yes
WANDA PATTERSON	WANDA.PATTERSON@sakilacustomer.org	Yes
IRMA PEARSON	IRMA.PEARSON@sakilacustomer.org	Yes
NICOLE PETERSON	NICOLE.PETERSON@sakilacustomer.org	Yes
JEFFERY PINSON	JEFFERY.PINSON@sakilacustomer.org	Yes
ASHLEY RICHARDSON	ASHLEY.RICHARDSON@sakilacustomer.org	Yes
JOANNE ROBERTSON	JOANNE.ROBERTSON@sakilacustomer.org	Yes
SHARON ROBINSON	SHARON.ROBINSON@sakilacustomer.org	Yes
ELLEN SIMPSON	ELLEN.SIMPSON@sakilacustomer.org	Yes
ALLISON STANLEY	ALLISON.STANLEY@sakilacustomer.org	Yes
DONNA THOMPSON	DONNA.THOMPSON@sakilacustomer.org	Yes
THERESA WATSON	THERESA.WATSON@sakilacustomer.org	Yes
GINA WILLIAMSON	GINA.WILLIAMSON@sakilacustomer.org	Yes
SUSAN WILSON	SUSAN.WILSON@sakilacustomer.org	Yes