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`.

Search	Submit

Name

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Search	Submit

Name

MATTHEW JOHANSSON

RAY JOHANSSON

ALBERT JOHANSSON

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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.

Search | Sort: Last Name | Search

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