

## Laboratory work #10

Please write SQL queries for following tasks and save as .sql file.

1. Create following tables:

Reviewer		Rating			
rID	name	rID	mID	stars	ratingDate
201	Sarah Martinez	201	101	2	2011-01-22
202	Daniel Lewis	201	101	4	2011-01-27
203	Brittany Harris	202	106	4	<null>
204	Mike Anderson	203	103	2	2011-01-20
205	Chris Jackson	203	108	4	2011-01-12
206	Elizabeth Thomas	203	108	2	2011-01-30
207	James Cameron	204	101	3	2011-01-09
208	Ashley White	205	103	3	2011-01-27
		205	104	2	2011-01-22

Movie			
mID	title	year	director
101	Gone with the Wind	1939	Victor Fleming
102	Star Wars	1977	George Lucas
103	The Sound of Music	1965	Robert Wise
104	E.T.	1982	Steven Spielberg
105	Titanic	1997	James Cameron
106	Snow White	1937	<null>
107	Avatar	2009	James Cameron
108	Raiders of the Lost Ark	1981	Steven Spielberg

salesman_id	name	city	commission
5001	James Hoog	New York	0.15
5002	Nail Knite	Paris	0.13
5005	Pit Alex	London	0.11
5006	Mc Lyon	Paris	0.14
5003	Lauson Hen		0.12
5007	Paul Adam	Rome	0.13

customer_id	cust_name	city	grade	salesman_id
3002	Nick Rimando	New York	100	5001
3005	Graham Zusi	California	200	5002
3001	Brad Guzan	London		5005
3004	Fabian Johns	Paris	300	5006
3007	Brad Davis	New York	200	5001
3009	Geoff Camero	Berlin	100	5003
3008	Julian Green	London	300	5002

  

ord_no	purch_amt	ord_date	customer_id	salesman_id
70001	150.5	2012-10-05	3005	5002
70009	270.65	2012-09-10	3001	5005
70002	65.26	2012-10-05	3002	5001
70004	110.5	2012-08-17	3009	5003
70007	948.5	2012-09-10	3005	5002
70005	2400.6	2012-07-27	3007	5001
70008	5760	2012-09-10	3002	5001

2. Create role named «junior\_dev» with login privilege.
3. Create a view that shows for each order the salesman and customer by name. Grant all privileges to «junior\_dev»
4. Create a view that shows all of the customers who have the highest grade. Grant only select statements to «junior\_dev»
5. Create role «intern» and give all privileges of «junior\_dev».

6. Create view for selecting all years that have a movie that received a rating of 4 or 5 stars, and sort them in increasing order.

7. Create role with login and role creation privileges.

8. Give all privileges of default role to new role.

9. Create a role student with a password

Create a role student with a password that is valid until the end of 2021.

After one second in 2021, the password is no longer valid.

Create a role admin that can create databases and manage roles

10. Change a student role's password

Remove a student role's password