The laboratory work 2

1. Write an SQL query to get a list with salesman name, customer name and city for all salesmen and customers from the same city.

Sample table: salesman

salesman\_id | name | city | commission

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 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

 5007 | Paul Adam | Rome | 0.13

 5003 | Lauson Hen | San Jose | 0.12

Sample table: customer

customer\_id | cust\_name | city | grade | salesman\_id

-------------+----------------+------------+-------+-------------

 3002 | Nick Rimando | New York | 100 | 5001

 3007 | Brad Davis | New York | 200 | 5001

 3005 | Graham Zusi | California | 200 | 5002

 3008 | Julian Green | London | 300 | 5002

 3004 | Fabian Johnson | Paris | 300 | 5006

 3009 | Geoff Cameron | Berlin | 100 | 5003

 3003 | Jozy Altidor | Moscow | 200 | 5007

 3001 | Brad Guzan | London | | 5005

1. Write an SQL statement to list with ord\_no, purch\_amt, cust\_name and city for those orders whose order amount is between 500 and 2000.

Sample table: orders

ord\_no purch\_amt ord\_date customer\_id salesman\_id

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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

70010 1983.43 2012-10-10 3004 5006

70003 2480.4 2012-10-10 3009 5003

70012 250.45 2012-06-27 3008 5002

70011 75.29 2012-08-17 3003 5007

70013 3045.6 2012-04-25 3002 5001

Sample table: customer

customer\_id | cust\_name | city | grade | salesman\_id

-------------+----------------+------------+-------+-------------

 3002 | Nick Rimando | New York | 100 | 5001

 3007 | Brad Davis | New York | 200 | 5001

 3005 | Graham Zusi | California | 200 | 5002

 3008 | Julian Green | London | 300 | 5002

 3004 | Fabian Johnson | Paris | 300 | 5006

 3009 | Geoff Cameron | Berlin | 100 | 5003

 3003 | Jozy Altidor | Moscow | 200 | 5007

 3001 | Brad Guzan | London | | 5005

1. Write an SQL query to find a list of customers who have assigned a salesperson to their job who receives a commission from the company of more than 12%.

Sample table: customer

customer\_id | cust\_name | city | grade | salesman\_id

-------------+----------------+------------+-------+-------------

 3002 | Nick Rimando | New York | 100 | 5001

 3007 | Brad Davis | New York | 200 | 5001

 3005 | Graham Zusi | California | 200 | 5002

 3008 | Julian Green | London | 300 | 5002

 3004 | Fabian Johnson | Paris | 300 | 5006

 3009 | Geoff Cameron | Berlin | 100 | 5003

 3003 | Jozy Altidor | Moscow | 200 | 5007

 3001 | Brad Guzan | London | | 5005

*Sample table*: salesman

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

 5007 | Paul Adam | Rome | 0.13

 5003 | Lauson Hen | San Jose | 0.12

1. Write an SQL query to find a list of clients who have assigned a salesperson to their job who does not live in the same city as their client and receives a commission above 12%.

Sample table: customer

customer\_id | cust\_name | city | grade | salesman\_id

-------------+----------------+------------+-------+-------------

 3002 | Nick Rimando | New York | 100 | 5001

 3007 | Brad Davis | New York | 200 | 5001

 3005 | Graham Zusi | California | 200 | 5002

 3008 | Julian Green | London | 300 | 5002

 3004 | Fabian Johnson | Paris | 300 | 5006

 3009 | Geoff Cameron | Berlin | 100 | 5003

 3003 | Jozy Altidor | Moscow | 200 | 5007

 3001 | Brad Guzan | London | | 5005

Sample table: salesman

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

 5007 | Paul Adam | Rome | 0.13

 5003 | Lauson Hen | San Jose | 0.12

1. Write an SQL query to list in ascending order the sellers who work for one or more clients or have not yet joined any of the clients. Sample table: customer

customer\_id | cust\_name | city | grade | salesman\_id

-------------+----------------+------------+-------+-------------

 3002 | Nick Rimando | New York | 100 | 5001

 3007 | Brad Davis | New York | 200 | 5001

 3005 | Graham Zusi | California | 200 | 5002

 3008 | Julian Green | London | 300 | 5002

 3004 | Fabian Johnson | Paris | 300 | 5006

 3009 | Geoff Cameron | Berlin | 100 | 5003

 3003 | Jozy Altidor | Moscow | 200 | 5007

 3001 | Brad Guzan | London | | 5005

Sample table: salesman

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

 5007 | Paul Adam | Rome | 0.13

 5003 | Lauson Hen | San Jose | 0.12