

CECS 323 Lab Build Lab Database

SQL statement to perform each of the following queries:

- a. List all rows from Customer
SELECT * From Customers;

#	CUSTOMERNUMBER	CUSTOMERNAME	CONTACTLASTNAME	CONTACTFIRSTNAME	PHONE	ADDRESS
1		103 Atelier graphique	Schmitt	Carine	40.32.2555	54, r
2		112 Signal Gift Stores	King	Jean	7025551838	8485
3		114 Australian Collectors, Co.	Ferguson	Peter	03 9520 4555	636
4		119 La Rochelle Gifts	Labruno	Janine	40.67.8555	67, r
5		121 Baane Mini Imports	Bergulfsen	Jonas	07-98 9555	Erling
6		124 Mini Gifts Distributors Ltd.	Nelson	Susan	4155551450	5677
7		125 Havel & Zbyszek Co	Piestrzeniewicz	Zbyszek	(26) 642-7555	ul. Fil
8		128 Blauer See Auto, Co.	Keitel	Roland	+49 69 66 90 2555	Lyons
9		129 Mini Wheels Co.	Murphy	Julie	6505555787	5557
10		131 Land of Toys Inc.	Lee	Kwai	2125557818	897
11		141 Euro+ Shopping Channel	Freyre	Diego	(91) 555 94 44	C/ M
12		144 Volvo Model Replicas, Co	Berglund	Christina	0921-12 3555	Bergl
13		145 Danish Wholesale Imports	Petersen	Jytte	31 12 3555	Vinb
14		146 Saveley & Henriot, Co.	Saveley	Mary	78.32.5555	2, ru
15		148 Dragon Souvenirs, Ltd.	Natividad	Eric	+65 221 7555	Bron
16		151 Muscle Machine Inc	Young	Jeff	2125557413	4092
17		157 Diecast Classics Inc.	Leong	Kelvin	2155551555	7586
18		161 Technics Stores Inc.	Hashimoto	Juri	6505556809	9408
19		166 Handji Gifts& Co	Victorino	Wendy	+65 224 1555	106
20		167 Herkku Gifts	Oeztan	Veysel	+47 2267 3215	Breh
21		168 American Souvenirs Inc	Franco	Keith	2035557845	149
22		169 Porto Imports Co.	de Castro	Isabel	(1) 356-5555	Estra
23	RancA@	Martine	20.16.1555	184, chaussA@e de Tournai	<NULL>	
24	Bertrand	Marie	(1) 42.34.2555	265, boulevard Charonne	<NULL>	
25	Tseng	Jerry	6175555555	4658 Baden Av.	<NULL>	
26	King	Julie	2035552570	25593 South Bay Ln.	<NULL>	
27	Kentary	Mory	+81 06 6342 5555	1-6-20 Dojima	<NULL>	
28	Frick	Michael	2125551500	2678 Kingston Rd.	Suite 101	
29	Karttunen	Matti	90-224 8555	Keskuskatu 45	<NULL>	
30	Ashworth	Rachel	(171) 555-1555	Fauntleroy Circus	<NULL>	
31	Cassidy	Dean	+353 1862 1555	25 Maiden Lane	Floor No. 4	
32	Taylor	Leslie	6175558428	16780 Pompton St.	<NULL>	
33	Devon	Elizabeth	(171) 555-2282	12, Berkeley Gardens Blvd	<NULL>	
34	Tamuri	Yoshi	(604) 555-3392	1900 Oak St.	<NULL>	
35	Barajas	Miguel	6175557555	7635 Spinnaker Dr.	<NULL>	
36	Young	Julie	6265557265	78934 Hillside Dr.	<NULL>	
37	Walker	Brydey	+612 9411 1555	Suntec Tower Three	8 Temasek	
38	Citeaux	FrAdA@crique	88.60.1555	24, place KlA@ber	<NULL>	
39	Gao	Mike	+852 2251 1555	Bank of China Tower	1 Garden Road	
40	Saavedra	Eduardo	(93) 203 4555	Rambla de CataluA±a, 23	<NULL>	
41	Young	Mary	3105552373	4097 Douglas Av.	<NULL>	
42	Kloss	Horst	0372-555188	TaucherstraAye 10	<NULL>	
43	Ibsen	Palle	86 21 3555	Smagsloget 45	<NULL>	
44	FresniA' re	Jean	(514) 555-8054	43 rue St. Laurent	<NULL>	
45	Alejandra	(91) 745 6555	Gran VA-a, 1	<NULL>	Madrid	
46	Valarie	7605558146	361 Furth Circle	<NULL>	San Diego	
47	Helen	(198) 555-8888	Garden House	Crowther Way 23	Cowes	
48	Annette	61.77.6555	1 rue Alsace-Lorraine	<NULL>	Toulouse	
49	Renate	069-0555984	Magazinweg 7	<NULL>	Frankfurt	
50	Paolo	011-4988555	Via Monte Bianco 34	<NULL>	Torino	
51	Daniel	+33 1 46 62 7555	27 rue du Colonel Pierre Avia	<NULL>	Paris	
52	Daniel	30.59.8555	67, avenue de l'Europe	<NULL>	Versailles	
53	Henriette	0221-5554327	Mehrheimerstr. 369	<NULL>	KA¶In	
54	Elizabeth	(604) 555-4555	23 Tsawassen Blvd.	<NULL>	Tsawassen	
55	Peter	089-0877555	Berliner Platz 43	<NULL>	MA¶nchen	
56	Anna	02 9936 8555	201 Miller Street	Level 15	North Sydney	
57	Giovanni	035-640555	Via Ludovico il Moro 22	<NULL>	Bergamo	
58	Adrian	+61 2 9495 8555	Monitor Money Building	815 Pacific Hwy	Chatswood	
59	Marta	6175558555	39323 Spinnaker Dr.	<NULL>	Cambridge	
60	Ed	+41 26 425 50 01	Rte des Arsenaux 41	<NULL>	Fribourg	
61	Mihael	0897-034555	Grenzacherweg 237	<NULL>	GenA' ve	
62	Jan	+47 2212 1555	Drammensveien 126A	PB 211 Sentrum	Oslo	
63	Bradley	+31 20 491 9555	Kingsfordweg 151	<NULL>	Amsterdam	
64	Mel	030-0074555	Obere Str. 57	<NULL>	Berlin	
65	Pirkko	981-443655	Torikatu 38	<NULL>	Oulu	
66	Catherine	(02) 5554 67	Rue Joseph-Bens 532	<NULL>	Bruxelles	
67	Steve	9145554562	3758 North Pendale Street	<NULL>	White Plains	
68	Wing	5085559555	4575 Hillside Dr.	<NULL>	New Bedford	
69	Julie	6505551386	7734 Strong St.	<NULL>	San Francisco	
70	Mike	+64 9 312 5555	162-164 Grafton Road	Level 2	Auckland	
71	Ann	(171) 555-0297	35 King George	<NULL>	London	
72	William	2015559350	7476 Moss Rd.	<NULL>	Newark	
73	Ben	61-7-3844-6555	31 Duncan St. West End	<NULL>	South Brisbane	
74	Kalle	+358 9 8045 555	Software Engineering Center	SEC Oy	Espoo	
75	Philip	0555-09555	Maubelstr. 90	<NULL>	Brandenburg	
76	Francisca	2155554695	782 First Street	<NULL>	Philadelphia	
77	Jesus	+34 913 728 555	Merchants House	27-30 Merchant's Quay	Madrid	
78	Brian	2155554369	6047 Douglas Av.	<NULL>	Los Angeles	
79	Patricia	2967 555	8 Johnstown Road	<NULL>	Cork	
80	Laurence	91.24.4555	12, rue des Bouchers	<NULL>	Marseille	
81	Paul	26.47.1555	59 rue de l'Abbaye	<NULL>	Reims	
82	Armand	+27 21 550 3555	1250 Pretorius Street	<NULL>	Hatfield	
83	Wales	64-9-3763555	199 Great North Road	<NULL>	Auckland	
84	Karin	0251-555259	Luisenstr. 48	<NULL>	MA¶nster	
85	Juri	6175559555	8616 Spinnaker Dr.	<NULL>	Boston	
86	Dorothy	6035558647	2304 Long Airport Avenue	<NULL>	Nashua	
87	Lino	(1) 354-2555	Jardim das rosas n. 32	<NULL>	Lisboa	
88	Braun	0452-076555	Hauptstr. 29	<NULL>	Bern	

89	Allen	6175558555	7825 Douglas Av.	<NULL>	Brickhaven
90	Pascale	(071) 23 67 2555	Boulevard Tirou, 255	<NULL>	Charleroi
91	Georg	6562-9555	Geisweg 14	<NULL>	Salzburg
92	Arnold	+63 2 555 3587	15 McCallum Street	NatWest Center #13-03	Makati City
93	Maurizio	0522-556555	Strada Provinciale 124	<NULL>	Reggio Emilia
94	Akiko	+81 3 3584 0555	2-2-8 Roppongi	<NULL>	Minato-ku
95	Dominique	(1) 47.55.6555	25, rue Lauriston	<NULL>	Paris
96	Rita	0711-555361	Adenauerallee 900	<NULL>	Stuttgart
97	Sarah	04 499 9555	101 Lambton Quay	Level 11	Wellington
98	Michael	+49 89 61 08 9555	Hansastr. 15	<NULL>	Munich
99	Maria	2125558493	5905 Pompton St.	Suite 750	NYC
100	Alexander	0342-555176	Heerstr. 22	<NULL>	Leipzig

b. List the productName and the ProductLine that the product belongs to for all products.

SELECT PRODUCTNAME, PRODUCTLINE FROM PRODUCTS;

#	PRODUCTNAME	PRODUCTLINE
1	1969 Harley Davidson Ultimate Chopper	Motorcycles
2	1952 Alpine Renault 1300	Classic Cars
3	1996 Moto Guzzi 1100i	Motorcycles
4	2003 Harley-Davidson Eagle Drag Bike	Motorcycles
5	1972 Alfa Romeo GTA	Classic Cars
6	1962 LanciaA Delta 16V	Classic Cars
7	1968 Ford Mustang	Classic Cars
8	2001 Ferrari Enzo	Classic Cars
9	1958 Setra Bus	Trucks and Buses
10	2002 Suzuki XREO	Motorcycles
11	1969 Corvair Monza	Classic Cars
12	1968 Dodge Charger	Classic Cars
13	1969 Ford Falcon	Classic Cars
14	1970 Plymouth Hemi Cuda	Classic Cars
15	1957 Chevy Pickup	Trucks and Buses
16	1969 Dodge Charger	Classic Cars
17	1940 Ford Pickup Truck	Trucks and Buses
18	1993 Mazda RX-7	Classic Cars
19	1937 Lincoln Berline	Vintage Cars
20	1936 Mercedes-Benz 500K Special Roadster	Vintage Cars
21	1965 Aston Martin DB5	Classic Cars
22	1980s Black Hawk Helicopter	Planes
23	1917 Grand Touring Sedan	Vintage Cars
24	1948 Porsche 356-A Roadster	Classic Cars
25	1995 Honda Civic	Classic Cars
26	1998 Chrysler Plymouth Prowler	Classic Cars
27	1911 Ford Town Car	Vintage Cars
28	1964 Mercedes Tour Bus	Trucks and Buses
29	1932 Model A Ford J-Coupe	Vintage Cars
30	1926 Ford Fire Engine	Trucks and Buses
31	P-51-D Mustang	Planes
#	PRODUCTNAME	PRODUCTLINE
32	1936 Harley Davidson El Knucklehead	Motorcycles
33	1928 Mercedes-Benz SSK	Vintage Cars
34	1999 Indy 500 Monte Carlo SS	Classic Cars
35	1913 Ford Model T Speedster	Vintage Cars
36	1934 Ford V8 Coupe	Vintage Cars
37	1999 Yamaha Speed Boat	Ships
38	18th Century Vintage Horse Carriage	Vintage Cars
39	1903 Ford Model A	Vintage Cars
40	1992 Ferrari 360 Spider red	Classic Cars
41	1985 Toyota Supra	Classic Cars
42	Collectable Wooden Train	Trains
43	1969 Dodge Super Bee	Classic Cars
44	1917 Maxwell Touring Car	Vintage Cars
45	1976 Ford Gran Torino	Classic Cars
46	1948 Porsche Type 356 Roadster	Classic Cars
47	1957 Vespa GS150	Motorcycles
48	1941 Chevrolet Special Deluxe Cabriolet	Vintage Cars
49	1970 Triumph Spitfire	Classic Cars
50	1932 Alfa Romeo 8C2300 Spider Sport	Vintage Cars
51	1904 Buick Runabout	Vintage Cars
52	1940s Ford truck	Trucks and Buses
53	1939 Cadillac Limousine	Vintage Cars
54	1957 Corvette Convertible	Classic Cars
55	1957 Ford Thunderbird	Classic Cars
56	1970 Chevy Chevelle SS 454	Classic Cars
57	1970 Dodge Coronet	Classic Cars
58	1997 BMW R 1100 S	Motorcycles
59	1966 Shelby Cobra 427 S/C	Classic Cars
60	1928 British Royal Navy Airplane	Planes
61	1939 Chevrolet Deluxe Coupe	Vintage Cars
62	1960 BSA Gold Star DBD34	Motorcycles

#	PRODUCTNAME	PRODUCTLINE
63	18th century schooner	Ships
64	1938 Cadillac V-16 Presidential Limousine	Vintage Cars
65	1962 Volkswagen Microbus	Trucks and Buses
66	1982 Ducati 900 Monster	Motorcycles
67	1949 Jaguar XK 120	Classic Cars
68	1958 Chevy Corvette Limited Edition	Classic Cars
69	1900s Vintage Bi-Plane	Planes
70	1952 Citroen-15CV	Classic Cars
71	1982 Lamborghini Diablo	Classic Cars
72	1912 Ford Model T Delivery Wagon	Vintage Cars
73	1969 Chevrolet Camaro Z28	Classic Cars
74	1971 Alpine Renault 1600s	Classic Cars
75	1937 Horch 930V Limousine	Vintage Cars
76	2002 Chevy Corvette	Classic Cars
77	1940 Ford Delivery Sedan	Vintage Cars
78	1956 Porsche 356A Coupe	Classic Cars
79	Corsair F4U (Bird Cage)	Planes
80	1936 Mercedes Benz 500k Roadster	Vintage Cars
81	1992 Porsche Cayenne Turbo Silver	Classic Cars
82	1936 Chrysler Airflow	Vintage Cars
83	1900s Vintage Tri-Plane	Planes
84	1961 Chevrolet Impala	Classic Cars
85	1980s GM Manhattan Express	Trucks and Buses
86	1997 BMW F650 ST	Motorcycles
87	1982 Ducati 996 R	Motorcycles
88	1954 Greyhound Scenicruiser	Trucks and Buses
89	1950's Chicago Surface Lines Streetcar	Trains
90	1996 Peterbilt 379 Stake Bed with Outrigger	Trucks and Buses
91	1928 Ford Phaeton Deluxe	Vintage Cars
92	1974 Ducati 350 Mk3 Desmo	Motorcycles
93	1930 Buick Marquette Phaeton	Vintage Cars
94	Diamond T620 Semi-Skirted Tanker	Trucks and Buses
95	1962 City of Detroit Streetcar	Trains
96	2002 Yamaha YZR M1	Motorcycles
97	The Schooner Bluenose	Ships
98	American Airlines: B767-300	Planes
99	The Mayflower	Ships
100	HMS Bounty	Ships

c. List all ProductNames where the ProductLine is 'Motorcycles'.

SELECT PRODUCTNAME, PRODUCTLINE FROM PRODUCTS
WHERE PRODUCTLINE like '%Motorcycles%';

#	PRODUCTNAME	PRODUCTLINE
1	1969 Harley Davidson Ultimate Chopper	Motorcycles
2	1996 Moto Guzzi 1100i	Motorcycles
3	2003 Harley-Davidson Eagle Drag Bike	Motorcycles
4	2002 Suzuki XREO	Motorcycles
5	1936 Harley Davidson El Knucklehead	Motorcycles
6	1957 Vespa GS150	Motorcycles
7	1997 BMW R 1100 S	Motorcycles
8	1960 BSA Gold Star DBD34	Motorcycles
9	1982 Ducati 900 Monster	Motorcycles
10	1997 BMW F650 ST	Motorcycles
11	1982 Ducati 996 R	Motorcycles
12	1974 Ducati 350 Mk3 Desmo	Motorcycles
13	2002 Yamaha YZR M1	Motorcycles

- d. List the Vendor for the product whose productName is '1968 Ford Mustang'.

```
SELECT PRODUCTVENDOR FROM PRODUCTS  
WHERE PRODUCTNAME like '%1968 Ford Mustang%';
```

#	PRODUCTVENDOR
1	Autoart Studio Design

- e. List the Order Number, Order Status where the Order Status is 'Resolved' or 'Cancelled'

```
SELECT COMMENTS FROM ORDERS  
WHERE COMMENTS LIKE '%cancel%'  
OR COMMENTS LIKE '%resolved%';
```

#	COMMENTS
1	This order was disputed, but resolved o...
2	Customer called to cancel. The warehou...
3	Customer cancelled due to urgent budg...
4	Customer disputed the order and we ag...
5	Customer heard complaints from their c...
6	Order was disputed and resolved on 12...
7	This order was disputed and resolved o...

- f. List the Order Number and Shipped Date for Orders that the Order Status is 'Shipped' and the Shipped Date is greater than Required Date.

```
SELECT ORDERNUMBER, SHIPPEDDATE FROM ORDERS  
WHERE SHIPPEDDATE > REQUIREDDATE;
```

#	ORDERNUMBER	SHIPPEDDATE
1	10165	2013-12-26

g. List the ProductName and Quantity in Stock where the BuyPrice is greater than the MSRP.

```
SELECT PRODUCTNAME, QUANTITYINSTOCK FROM PRODUCTS  
WHERE BUYPRICE > MSRP;
```

#	PRODUCTNAME	QUANTITYINSTOCK