

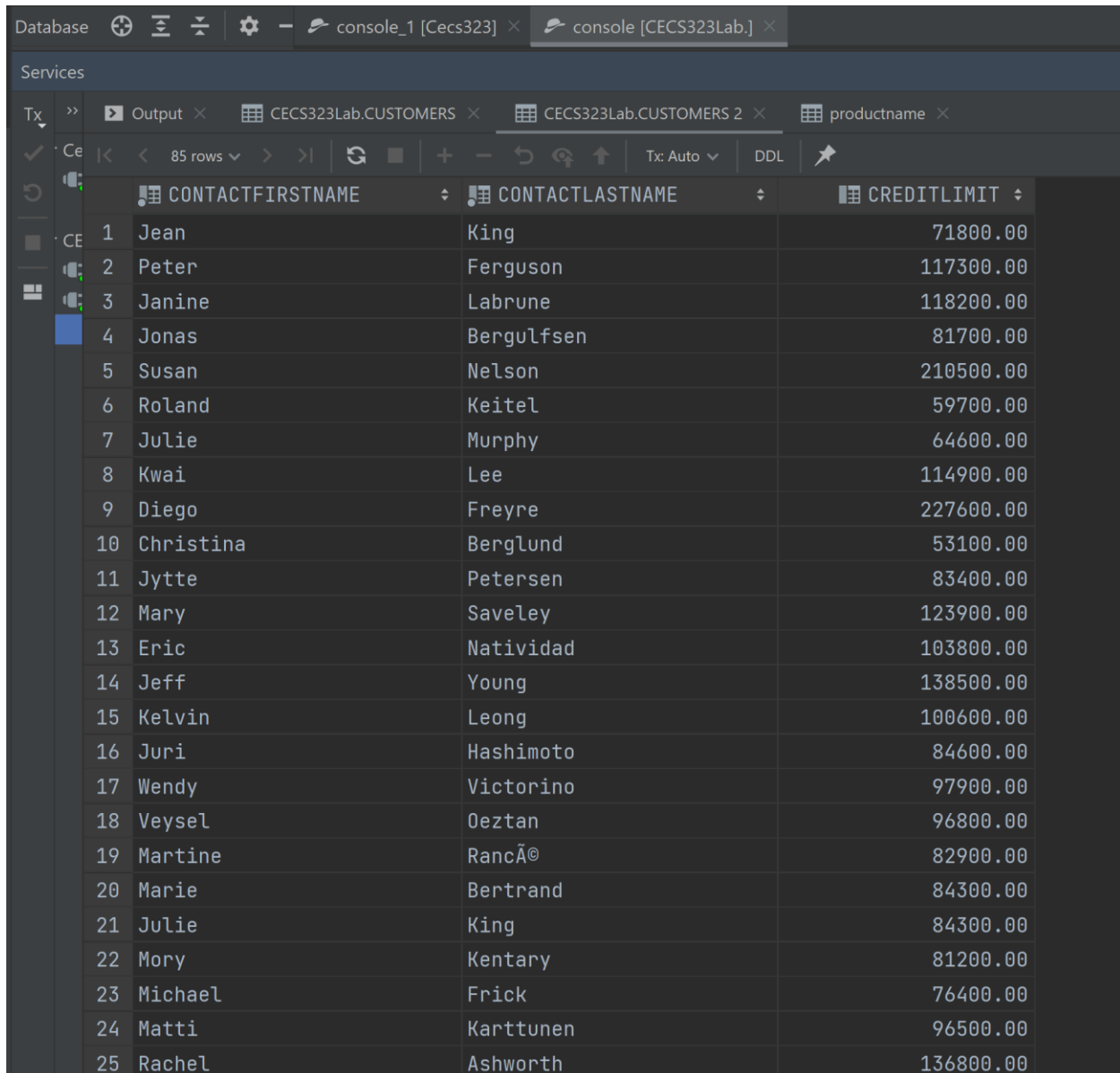
Exercise:

8. select contact firstname, contact lastname and credit limit for all customers where credit limit > 50000 (85)

SELECT contactfirstname, contactlastname, creditlimit

FROM Customers

WHERE creditlimit > 50000;



The screenshot shows a database console interface with a query result table. The table has three columns: CONTACTFIRSTNAME, CONTACTLASTNAME, and CREDITLIMIT. The results are sorted by CREDITLIMIT in descending order. The first row is highlighted in blue.

	CONTACTFIRSTNAME	CONTACTLASTNAME	CREDITLIMIT
1	Jean	King	71800.00
2	Peter	Ferguson	117300.00
3	Janine	Labrune	118200.00
4	Jonas	Bergulfsen	81700.00
5	Susan	Nelson	210500.00
6	Roland	Keitel	59700.00
7	Julie	Murphy	64600.00
8	Kwai	Lee	114900.00
9	Diego	Freyre	227600.00
10	Christina	Berglund	53100.00
11	Jytte	Petersen	83400.00
12	Mary	Saveley	123900.00
13	Eric	Natividad	103800.00
14	Jeff	Young	138500.00
15	Kelvin	Leong	100600.00
16	Juri	Hashimoto	84600.00
17	Wendy	Victorino	97900.00
18	Veyssel	Oeztan	96800.00
19	Martine	RancÃ©	82900.00
20	Marie	Bertrand	84300.00
21	Julie	King	84300.00
22	Mory	Kentary	81200.00
23	Michael	Frick	76400.00
24	Matti	Karttunen	96500.00
25	Rachel	Ashworth	136800.00

Database








Services

Tx >> Output x CECS323Lab.CUSTOMERS x CECS323Lab.CUSTOMERS 2 x productname x






85 rows v Tx: Auto DDL







	CONTACTFIRSTNAME	CONTACTLASTNAME	CREDITLIMIT
26	Dean	Cassidy	69400.00
27	Elizabeth	Devon	92700.00
28	Yoshi	Tamuri	90300.00
29	Miguel	Barajas	68700.00
30	Julie	Young	90700.00
31	FrÃ©dÃ©rique	Citeaux	53800.00
32	Mike	Gao	58600.00
33	Eduardo	Saavedra	60300.00
34	Palle	Ibsen	120800.00
35	Valarie	Thompson	105000.00
36	Helen	Bennett	93900.00
37	Annette	Roulet	61100.00
38	Paolo	Accorti	113000.00
39	Daniel	Da Silva	68100.00
40	Daniel	Tonini	77900.00
41	Henriette	Pfalzheim	120400.00
42	Elizabeth	Lincoln	89600.00
43	Anna	O'Hara	107800.00
44	Giovanni	Rovelli	119600.00
45	Adrian	Huxley	93300.00
46	Marta	Hernandez	123700.00
47	Mihael	Holz	141300.00
48	Jan	Klaeboe	95100.00
49	Pirkko	Koskitalo	90500.00
50	Catherine	Dewey	79900.00
51	Steve	Frick	102700.00

Database					console_1 [Cecs323]	console [CECS323Lab.]
Services						
Tx	>> Output × CECS323Lab.CUSTOMERS × CECS323Lab.CUSTOMERS 2 × productname ×					
✓	Ce	<< < 85 rows > >		Tx: Auto ▾	DDL	
		CONTACTFIRSTNAME	CONTACTLASTNAME	CREDITLIMIT		
	52	Wing	Huang	94500.00		
	53	Julie	Brown	105000.00		
	54	Mike	Graham	88000.00		
	55	Ann	Brown	77000.00		
	56	Ben	Calaghan	51600.00		
	57	Kalle	Suominen	98800.00		
	58	Francisca	Cervantes	81100.00		
	59	Jesus	Fernandez	59600.00		
	60	Brian	Chandler	57700.00		
	61	Laurence	Lebihan	65000.00		
	62	Paul	Henriot	81100.00		
	63	Wales	MacKinlay	77700.00		
	64	Dorothy	Young	114200.00		
	65	Allen	Nelson	70700.00		
	66	Georg	Pipps	71700.00		
	67	Arnold	Cruz	81500.00		
	68	Maurizio	Moroni	121400.00		
	69	Akiko	Shimamura	94400.00		
	70	Dominique	Perrier	95000.00		
	71	Sarah	McRoy	86800.00		
	72	Michael	Donnermeyer	77000.00		
	73	Maria	Hernandez	67500.00		
	74	Martha	Larsson	116400.00		
	75	Sue	Frick	77600.00		
	76	Leslie	Murphy	95400.00		

Database      console\_1 [Cecs323]  console [CECS323Lab.] 

Services

Tx  Output  CECS323Lab.CUSTOMERS  CECS323Lab.CUSTOMERS 2  productname 

✓ Ce  < 85 rows  > > |  + -  Tx: Auto  DDL 

	CONTACTFIRSTNAME	CONTACTLASTNAME	CREDITLIMIT
65	Allen	Nelson	70700.00
66	Georg	Pipps	71700.00
67	Arnold	Cruz	81500.00
68	Maurizio	Moroni	121400.00
69	Akiko	Shimamura	94400.00
70	Dominique	Perrier	95000.00
71	Sarah	McRoy	86800.00
72	Michael	Donnermeyer	77000.00
73	Maria	Hernandez	67500.00
74	Martha	Larsson	116400.00
75	Sue	Frick	77600.00
76	Leslie	Murphy	95400.00
77	MartÃSHYn	Sommer	104600.00
78	Violeta	Benitez	85800.00
79	Sean	Clenahan	60300.00
80	Steve	Thompson	55400.00
81	JosÃ© Pedro	Roel	65700.00
82	Rosa	Salazar	72600.00
83	Sue	Taylor	60300.00
84	Valarie	Franco	85100.00
85	Tony	Snowden	110000.00

9. select customers who do not have a credit limit (0.00) (24)

SELECT contactfirstname, contactlastname

FROM Customers

WHERE creditlimit = 0;

The screenshot shows a database console interface with a dark theme. The top panel displays a SQL query: `SELECT contactfirstname, contactlastname FROM Customers WHERE creditlimit = 0;`. The query is executed, and the results are shown in a table below. The table has two columns: `CONTACTFIRSTNAME` and `CONTACTLASTNAME`. The results list 20 rows of customer data.

	CONTACTFIRSTNAME	CONTACTLASTNAME
1	Zbyszek	Piestrzeniewicz
2	Keith	Franco
3	Isabel	de Castro
4	Brydey	Walker
5	Horst	Kloss
6	Alejandra	Camino
7	Renate	Messner
8	Peter	Franken
9	Ed	Harrison
10	Bradley	Schuyler
11	Mel	Andersen
12	Philip	Cramer
13	Patricia	McKenna
14	Armand	Kuger
15	Karin	Josephs
16	Lino	Rodriguez
17	Braun	Urs
18	Rita	Müller
19	Alexander	Feuer
20	Sven	Ottlieb

20	Sven	Ottlieb
21	Carmen	Anton
22	Hanna	Moos
23	Alexander	Semenov
24	Raanan	Altagar, G M

10. List all offices not in the USA (4)

SELECT officecode

FROM Offices

WHERE country!='USA';

The screenshot shows a database IDE interface. The top toolbar includes icons for database operations and a console window. The left sidebar displays a tree view of the database structure, including a folder for 'CECS323Lab' containing a 'tables' folder with various tables like CUSTOMERS, EMPLOYEES, OFFICES, ORDERDETAILS, ORDERS, PAYMENTS, PRODUCTLINES, and PRODUCTS. The main editor window shows a SQL query:

```
1 SELECT officecode
2 FROM Offices
3 WHERE country!='USA';
```

The query is executed, and the results are displayed in the bottom panel. The results show four rows of data, with the first column being the row number and the second column being the officecode.

	OFFICECODE
1	4
2	5
3	6
4	7

11. List orders made between June 16, 2014 and July 7, 2014 (8)

SELECT ordernumber

FROM Orders

WHERE orderdate BETWEEN '2014-06-16' AND '2014-07-07';

The screenshot shows a database console interface with a dark theme. The top panel displays the SQL query: `SELECT ordernumber`, `FROM Orders`, and `WHERE orderdate BETWEEN '2014-06-16' AND '2014-07-07';`. The query is highlighted with a green box. The bottom panel shows the results of the query, which are 8 rows of data. The first column is labeled 'ORDERNUMBER' and the values are 10263, 10264, 10265, 10266, and 10267. The interface includes a sidebar with a tree view of the database structure, a top toolbar with various icons, and a bottom toolbar with navigation and execution controls.

Database Consoles > CECS323Lab. > console [CECS323Lab.]

Database

323Lab  
Cecs323 1 of 11  
CECS323Lab. 2 of 12  
APP  
CECS323Lab  
tables 8  
CUSTOMERS  
EMPLOYEES  
OFFICES  
ORDERDETAILS  
ORDERS  
PAYMENTS  
PRODUCTLINES  
PRODUCTS

1 ✓ SELECT ordernumber  
2 FROM Orders  
3 WHERE orderdate BETWEEN '2014-06-16' AND '2014-07-07';

Services

Tx: >> Output × CECS323Lab.OFFICES × CECS323Lab.ORDERS × CECS323Lab.CUSTOMERS 3 ×

8 rows

	ORDERNUMBER
4	10263
5	10264
6	10265
7	10266
8	10267

★ Favorites

12. List products that we need to reorder (quantityinstock < 1000) (12)

SELECT productname

FROM Products

WHERE quantityinstock < 1000;

The screenshot shows a database management interface with a dark theme. The top panel displays a SQL query in a console window, which is highlighted with a green box. The query is: `SELECT productname  
FROM Products  
WHERE quantityinstock < 1000;`. The left sidebar shows a database tree with 'CECS323Lab' selected, containing 'APP', 'CECS323Lab', and 'tables 8'. The bottom panel shows the 'Services' section with a table of results for 'CECS323Lab.PRODUCTS'. The table has 12 rows, each with a product name. The table is titled 'PRODUCTNAME' and has a dropdown arrow next to it. The rows are numbered 1 through 12.

	PRODUCTNAME
1	1968 Ford Mustang
2	1911 Ford Town Car
3	P-51-D Mustang
4	1928 Mercedes-Benz SSK
5	1960 BSA Gold Star DBD34
6	1997 BMW F650 ST
7	1996 Peterbilt 379 Stake Bed with Outrigger
8	1928 Ford Phaeton Deluxe
9	2002 Yamaha YZR M1
10	The Mayflower
11	F/A 18 Hornet 1/72
12	Pont Yacht

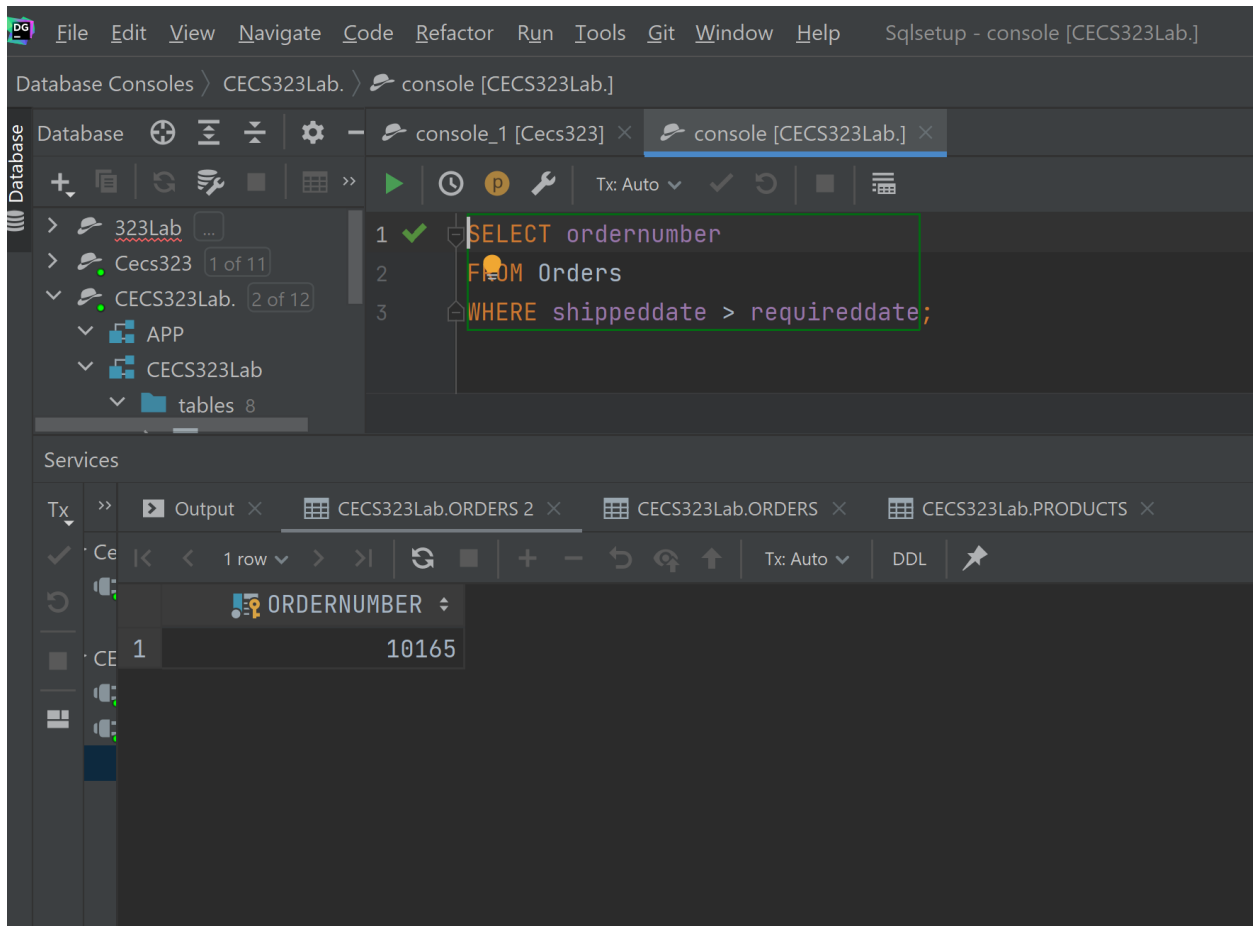


13. List all orders that shipped after the required date (1)

SELECT ordernumber

FROM Orders

WHERE shippeddate > requireddate;



14. List all customers who have the word 'Mini' in their name (10)

SELECT customername

FROM Customers

WHERE customername like '%Mini%';

The screenshot shows a database console interface with a dark theme. The top panel displays the SQL query: `SELECT customername`, `FROM Customers`, and `WHERE customername like '%Mini%';`. The query is highlighted with a green box. The bottom panel shows the results of the query, which are 10 rows of customer names. The results are displayed in a table with a single column labeled 'CUSTOMERNAME'.

	CUSTOMERNAME
1	Baane Mini Imports
2	Mini Gifts Distributors Ltd.
3	Mini Wheels Co.
4	Online Mini Collectables
5	Mini Caravy
6	Collectable Mini Designs Co.
7	Mini Classics
8	Mini Creations Ltd.
9	Marseille Mini Autos
10	Mini Auto Werke

15. List all products supplied by 'Highway 66 Mini Classics' (9)

SELECT productname

FROM Products

WHERE productVendor = 'Highway 66 Mini Classics';

The screenshot shows a database console interface with a dark theme. The top panel displays the SQL query: `SELECT productname FROM Products WHERE productVendor = 'Highway 66 Mini Classics';`. The query is executed, and the results are shown in a table below. The table has a single column labeled 'PRODUCTNAME' and contains 9 rows of data. The results are displayed in a grid-like format with row numbers 1 through 9 on the left.

	PRODUCTNAME
1	1996 Moto Guzzi 1100i
2	1993 Mazda RX-7
3	1985 Toyota Supra
4	1970 Dodge Coronet
5	1960 BSA Gold Star DBD34
6	1982 Ducati 900 Monster
7	1928 Ford Phaeton Deluxe
8	Diamond T620 Semi-Skirted Tanker
9	ATA: B757-300

16. List all product not supplied by 'Highway 66 Mini Classics' (101)

SELECT productname

FROM Products

WHERE productvendor != 'Highway 66 Mini Classics';

	PRODUCTNAME
1	1969 Harley Davidson Ultimate Chopper
2	1952 Alpine Renault 1300
3	2003 Harley-Davidson Eagle Drag Bike
4	1972 Alfa Romeo GTA
5	1962 LanciaA Delta 16V
6	1968 Ford Mustang
7	2001 Ferrari Enzo
8	1958 Setra Bus
9	2002 Suzuki XRE0
10	1969 Corvair Monza
11	1968 Dodge Charger
12	1969 Ford Falcon
13	1970 Plymouth Hemi Cuda
14	1957 Chevy Pickup
15	1969 Dodge Charger
16	1940 Ford Pickup Truck
17	1937 Lincoln Berline
18	1936 Mercedes-Benz 500K Special Roadster
19	1965 Aston Martin DB5
20	1980s Black Hawk Helicopter
21	1917 Grand Touring Sedan
22	1948 Porsche 356-A Roadster
23	1995 Honda Civic
24	1998 Chrysler Plymouth Prowler
25	1911 Ford Town Car
26	1911 Mercedes Tour Bus

Database

console\_1 [Cecs323]

console [CECS323Lab.]

Services

Tx

>>

Output

CECS323Lab.PRODUCTS 2

CECS323Lab.CUSTOMERS

CECS323Lab.PRODUCTS

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101 rows

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Tx: Auto

DDL

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PRODUCTNAME

⌵

CE

26

1964 Mercedes Tour Bus

27

1932 Model A Ford J-Coupe

28

1926 Ford Fire Engine

29

P-51-D Mustang

30

1936 Harley Davidson El Knucklehead

31

1928 Mercedes-Benz SSK

32

1999 Indy 500 Monte Carlo SS

33

1913 Ford Model T Speedster

34

1934 Ford V8 Coupe

35

1999 Yamaha Speed Boat

36

18th Century Vintage Horse Carriage

37

1903 Ford Model A

38

1992 Ferrari 360 Spider red

39

Collectable Wooden Train

40

1969 Dodge Super Bee

41

1917 Maxwell Touring Car

42

1976 Ford Gran Torino

43

1948 Porsche Type 356 Roadster

44

1957 Vespa GS150

45

1941 Chevrolet Special Deluxe Cabriolet

46

1970 Triumph Spitfire

47

1932 Alfa Romeo 8C2300 Spider Sport

48

1904 Buick Runabout

49

1940s Ford truck

50

1939 Cadillac Limousine

Database

Services

Tx

>>

Output

CECS323Lab.PRODUCTS 2

CECS323Lab.CUSTOMERS

CECS323Lab.PRODUCTS

101 rows

Tx: Auto

DDL

PRODUCTNAME

51

1957 Corvette Convertible

52

1957 Ford Thunderbird

53

1970 Chevy Chevelle SS 454

54

1997 BMW R 1100 S

55

1966 Shelby Cobra 427 S/C

56

1928 British Royal Navy Airplane

57

1939 Chevrolet Deluxe Coupe

58

18th century schooner

59

1938 Cadillac V-16 Presidential Limousine

60

1962 Volkswagen Microbus

61

1949 Jaguar XK 120

62

1958 Chevy Corvette Limited Edition

63

1900s Vintage Bi-Plane

64

1952 Citroen-15CV

65

1982 Lamborghini Diablo

66

1912 Ford Model T Delivery Wagon

67

1969 Chevrolet Camaro Z28

68

1971 Alpine Renault 1600s

69

1937 Horch 930V Limousine

70

2002 Chevy Corvette

71

1940 Ford Delivery Sedan

72

1956 Porsche 356A Coupe

73

Corsair F4U ( Bird Cage)

74

1936 Mercedes Benz 500k Roadster

75

1992 Porsche Cayenne Turbo Silver

76

1936 Chrysler Airflow

Favorites

Database Consoles > CECS323Lab. > console [CECS323Lab.]

Database console\_1 [Cecs323] x console [CECS323Lab.] x

Services

Tx >> Output x CECS323Lab.PRODUCTS 2 x CECS323Lab.CUSTOMERS x CECS323Lab.PRODUCTS x

101 rows

	PRODUCTNAME
77	1900s Vintage Tri-Plane
78	1961 Chevrolet Impala
79	1980's GM Manhattan Express
80	1997 BMW F650 ST
81	1982 Ducati 996 R
82	1954 Greyhound Scenicruiser
83	1950's Chicago Surface Lines Streetcar
84	1996 Peterbilt 379 Stake Bed with Outrigger
85	1974 Ducati 350 Mk3 Desmo
86	1930 Buick Marquette Phaeton
87	1962 City of Detroit Streetcar
88	2002 Yamaha YZR M1
89	The Schooner Bluenose
90	American Airlines: B767-300
91	The Mayflower
92	HMS Bounty
93	America West Airlines B757-200
94	The USS Constitution Ship
95	1982 Camaro Z28
96	F/A 18 Hornet 1/72
97	The Titanic
98	The Queen Mary
99	American Airlines: MD-11S
100	Boeing X-32A JSF
101	Pont Yacht

★ Favorites

17. List all employees that don't have a manager (1)

SELECT employeeNumber, firstname, lastname

FROM Employees

WHERE reportsto IS NULL;

The screenshot shows a database management tool interface. On the left, a tree view displays the database structure: '323Lab' (1 of 11), 'Cecs323' (2 of 12), 'APP', 'CECS323Lab', and 'tables 8'. The 'tables 8' folder is expanded, showing 'CUSTOMERS', 'EMPLOYEES', 'OFFICES', 'ORDERDETAILS', and 'ORDERS'. The main area displays a SQL query in a console window:

```
1 SELECT employeeNumber, firstname, lastname
2 FROM Employees
3 WHERE reportsto IS NULL;
4
```

Below the console, the 'Services' section shows the execution results. The 'EMPLOYEES' table is selected, and the results are displayed in a table with columns 'EMPLOYEEENUMBER', 'FIRSTNAME', and 'LASTNAME'. The first row shows the employee with ID 1002, named Diane Murphy.

	EMPLOYEEENUMBER	FIRSTNAME	LASTNAME
1	1002	Diane	Murphy