

Worksheet

Query Builder

SELECT

\*

FROM RETAILPAYMENTS

FETCH FIRST 10 ROWS ONLY;

▶ Query Result x

SQL | All Rows Fetched: 10 in 0.042 seconds

	CUSTOMERNUMBER	CHECKNUMBER	PAYMENTDATE	AMOUNT
1	103	HQ336336	19-OCT-04	6066.78
2	103	JM555205	05-JUN-03	14571.44
3	103	OM314933	18-DEC-04	1676.14
4	112	BO864823	17-DEC-04	14191.12
5	112	HQ55022	06-JUN-03	32641.98
6	112	ND748579	20-AUG-04	33347.88
7	114	GG31455	20-MAY-03	45864.03
8	114	MA765515	15-DEC-04	82261.22
9	114	NP603840	31-MAY-03	7565.08
10	114	NR27552	10-MAR-04	44894.74

Worksheet Query Builder

```
SELECT FIRSTNAME || ' ' || LASTNAME, EMAIL, OFFICECODE
FROM RETAILEMPOYEEES
WHERE OFFICECODE = 6
```

Query Result x

SQL | All Rows Fetched: 4 in 0.03 seconds

	FIRSTNAME    ' '    LASTNAME	EMAIL	OFFICECODE
1	William Patterson	wpatterson@classicmodelcars.com	6
2	Andy Fixter	afixter@classicmodelcars.com	6
3	Peter Marsh	pmarsh@classicmodelcars.com	6
4	Tom King	tking@classicmodelcars.com	6

Worksheet Query Builder

```
SELECT CONCAT (FIRSTNAME, CONCAT ( ' ', LASTNAME) ), EMAIL, OFFICECODE
FROM RETAILEMPOYEEES
WHERE OFFICECODE = 6
```

Query Result x

SQL | All Rows Fetched: 4 in 0.035 seconds

	CONCAT (FIRSTNAME, CONCAT ( ' ', LASTNAME) )	EMAIL	OFFICECODE
1	William Patterson	wpatterson@classicmodelcars.com	6
2	Andy Fixter	afixter@classicmodelcars.com	6
3	Peter Marsh	pmarsh@classicmodelcars.com	6
4	Tom King	tking@classicmodelcars.com	6

3.

Worksheet

Query Builder

```
SELECT CUSTOMERNUMBER, CUSTOMERNAME, CONTACTFIRSTNAME, CONTACTLASTNAME, PHONE
FROM RETAILCUSTOMERS
WHERE CITY = 'Paris'
```

Query Result x

SQL | All Rows Fetched: 3 in 0.031 seconds

	CUSTOMERNUMBER	CUSTOMERNAME	CONTACTFIRSTNAME	CONTACTLASTNAME	PHONE
1	172	La Corne 'abondance, Co.	Marie	Bertrand	(1) 42.34.2555
2	250	Lyon Souveniers	Daniel	Da Silva	+33 1 46 62 7555
3	406	Auto Canal+ Petit	Dominique	Perrier	(1) 47.55.6555


4.




a.

Worksheet

Query Builder

```
SELECT CONCAT (CONTACTFIRSTNAME, CONCAT ( ' ', CONTACTLASTNAME) )
AS "firstname, lastname"
FROM RETAILCUSTOMERS;
```

 Query Result x

   SQL | Fetched 50 rows in 0.033 seconds

	firstname, lastname
1	Carine Schmitt
2	Jean King
3	Peter Ferguson
4	Janine Labrune
5	Jonas Berqulfsen
6	Susan Nelson
7	Zbyszek Piestrzeniewicz
8	Roland Keitel
9	Julie Murphy
10	Kwai Lee
11	Diego Freyre

Messages - Log

b.

Worksheet Query Builder

```

SELECT *
FROM RETAILCUSTOMERS
WHERE COUNTRY = 'Canada'

```

Query Result x | Script Output x | Query Result 1 x | Query Result 2 x

SQL | All Rows Fetched: 3 in 0.033 seconds

CUSTOMERNUMBER	CUSTOMERNAME	CONTACTLASTNAME	CONTACTFIRSTNAME	PHONE	ADDRESSLINE1	ADDRESSLINE2	C
202	Canadian Gift Exchange Network	Tamuri	Yoshi	(604) 555-3392	1900 Oak St.	(null)	V
233	Québec Home Shopping Network	Fresnière	Jean	(514) 555-8054	43 rue St. Laurent	(null)	M
260	Royal Canadian Collectables, Ltd.	Lincoln	Elizabeth	(604) 555-4555	23 Tsawassen Blvd.	(null)	T

5.

Worksheet Query Builder

```

SELECT DISTINCT CUSTOMERNUMBER
FROM RETAILPAYMENTS

```

Query Result x

SQL | Fetched 50 rows in 0.18 seconds

CUSTOMERNUMBER	
1	103
2	112
3	114
4	119
5	121
6	124
7	128
8	129
9	131
10	141
11	144
12	145

Messages - Log

6.

Worksheet

Query Builder

```
SELECT DISTINCT CUSTOMERNUMBER, CHECKNUMBER, AMOUNT
FROM RETAILPAYMENTS
WHERE Amount < 30000 OR Amount > 65000
ORDER BY Amount DESC;
```

Query Result x

SQL | Fetched 50 rows in 0.041 seconds

	CUSTOMERNUMBER	CHECKNUMBER	AMOUNT
1	141	JE105477	120166.58
2	141	ID10962	116208.4
3	124	KI131716	111654.4
4	148	KM172879	105743
5	124	AE215433	101244.59
6	321	DJ15149	85559.12
7	124	BG255406	85410.87
8	167	GN228846	85024.46
9	124	ET64396	83598.04
10	114	MA765515	82261.22
11	239	NQ865547	80375.24
12	323	AT493079	75020.13

7.

Worksheet

Query Builder

SELECT \* FROM RETAILORDERS WHERE upper (STATUS) = 'CANCELLED'

Query Result x

All Rows Fetched: 6 in 0.057 seconds

	ORDERNUMBER	ORDERDATE	REQUIREDDATE	SHIPPEDDATE	STATUS	COMMENTS
1	1016723	23-OCT-03	30-OCT-03	(null)	Cancelled	Customer called to cancel. The wa
2	1017911	11-NOV-03	17-NOV-03	13-NOV-03	Cancelled	Customer cancelled due to urgent
3	1024807	07-MAY-04	14-MAY-04	(null)	Cancelled	Order was mistakenly placed. The
4	1025301	01-JUN-04	09-JUN-04	02-JUN-04	Cancelled	Customer disputed the order and w
5	1026016	16-JUN-04	22-JUN-04	(null)	Cancelled	Customer heard complaints from th
6	1026224	24-JUN-04	01-JUL-04	(null)	Cancelled	This customer found a better offe

8.

a.

<pre>SELECT PRODUCTCODE,PRODUCTNAME,BUYPRICE,MSRP,MSRP - BuyPrice AS MARKUP FROM RETAILPRODUCTS;</pre>					
Query Result x					
SQL   Fetched 50 rows in 0.032 seconds					
PRODUCTCODE	PRODUCTNAME	BUYPRICE	MSRP	MARKUP	
1 S24 3969	1936 Mercedes Benz 500k Roadster	21.75	41.03	19.28	
2 S24 4048	1992 Porsche Cayenne Turbo Silver	69.78	118.28	48.5	
3 S24 4258	1936 Chrysler Airflow	57.46	97.39	39.93	
4 S24 4278	1900s Vintage Tri-Plane	36.23	72.45	36.22	
5 S24 4620	1961 Chevrolet Impala	32.33	80.84	48.51	
6 S32 1268	1980's GM Manhattan Express	53.93	96.31	42.38	
7 S32 1374	1997 BMW F650 ST	66.92	99.89	32.97	
8 S32 2206	1982 Ducati 996 R	24.14	40.23	16.09	
9 S32 2509	1954 Greyhound Scenicruiser	25.98	54.11	28.13	
10 S32 3207	1950's Chicago Surface Lines Streetcar	26.72	62.14	35.42	
11 S32 3522	1996 Peterbilt 379 Stake Bed with Outriqger	33.61	64.64	31.03	
12 S32 4289	1928 Ford Phaeton Deluxe	33.02	68.79	35.77	
13 S32 4485	1974 Ducati 350 Mk3 Desmo	56.13	102.05	45.92	
14 S50 1341	1930 Buick Marquette Phaeton	27.06	43.64	16.58	
15 S50 1392	Diamond T620 Semi-Skirted Tanker	68.29	115.75	47.46	
16 S50 1514	1962 City of Detroit Streetcar	37.49	58.58	21.09	
17 S50 4713	2002 Yamaha YZR M1	34.17	81.36	47.19	
18 S700 1138	The Schooner Bluenose	34	66.67	32.67	

b.

<pre>SELECT PRODUCTCODE,PRODUCTNAME,BUYPRICE,MSRP,MSRP - BuyPrice AS MARKUP, ROUND(100 * (MSRP - BuyPrice) / BUYPRICE, 1) AS percm Markup, FROM RETAILPRODUCTS;</pre>					
Worksheet   Query Builder					
Query Result x					
SQL   Fetched 50 rows in 0.034 seconds					
PRODUCTCODE	PRODUCTNAME	BUYPRICE	MSRP	MARKUP	PERCMARKUP
1 S24 3969	1936 Mercedes Benz 500k Roadster	21.75	41.03	19.28	88.6
2 S24 4048	1992 Porsche Cayenne Turbo Silver	69.78	118.28	48.5	69.5
3 S24 4258	1936 Chrysler Airflow	57.46	97.39	39.93	69.5
4 S24 4278	1900s Vintage Tri-Plane	36.23	72.45	36.22	100
5 S24 4620	1961 Chevrolet Impala	32.33	80.84	48.51	150
6 S32 1268	1980's GM Manhattan Express	53.93	96.31	42.38	78.6
7 S32 1374	1997 BMW F650 ST	66.92	99.89	32.97	49.3
8 S32 2206	1982 Ducati 996 R	24.14	40.23	16.09	66.7
9 S32 2509	1954 Greyhound Scenicruiser	25.98	54.11	28.13	108.3
10 S32 3207	1950's Chicago Surface Lines Streetcar	26.72	62.14	35.42	132.6
11 S32 3522	1996 Peterbilt 379 Stake Bed with Outriqger	33.61	64.64	31.03	92.3
12 S32 4289	1928 Ford Phaeton Deluxe	33.02	68.79	35.77	108.3
13 S32 4485	1974 Ducati 350 Mk3 Desmo	56.13	102.05	45.92	81.8
14 S50 1341	1930 Buick Marquette Phaeton	27.06	43.64	16.58	61.3
15 S50 1392	Diamond T620 Semi-Skirted Tanker	68.29	115.75	47.46	69.5
16 S50 1514	1962 City of Detroit Streetcar	37.49	58.58	21.09	56.3
17 S50 4713	2002 Yamaha YZR M1	34.17	81.36	47.19	138.1
18 S700 1138	The Schooner Bluenose	34	66.67	32.67	96.1

9.

The screenshot shows a SQL query builder window with a 'Query Builder' tab. The query text is: `SELECT PRODUCTNAME FROM RETAILPRODUCTS WHERE upper (PRODUCTNAME) like 'CO%'`. Below the query, the 'Query Result' tab is active, displaying a table with one column, 'PRODUCTNAME', and two rows of data. The status bar indicates 'All Rows Fetched: 2 in 0.036 seconds'. At the bottom, there is a 'Messages - Log' panel.

PRODUCTNAME
1 Collectable Wooden Train
2 Corsair F4U ( Bird Cage)

10.

The screenshot shows a SQL query builder window with a 'Query Builder' tab. The query text is: `SELECT CONTACTFIRSTNAME FROM RETAILCUSTOMERS where UPPER (CONTACTFIRSTNAME) like 'S%E%'`. Below the query, the 'Query Result' tab is active, displaying a table with one column, 'CONTACTFIRSTNAME', and six rows of data. The status bar indicates 'All Rows Fetched: 6 in 0.033 seconds'. At the bottom, there is a status bar with the text 'form "Go to Declaration"' and a window title bar with 'Line 4 Column 1', 'Insert', 'Modified', and 'Windows'.

CONTACTFIRSTNAME
1 Steve
2 Sue
3 Sven
4 Sean
5 Steve
6 Sue