

SQL

...

## Development server

Microsoft Windows [Version 10.0.19045.2965]

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C:\Users\Poma>cd D:\Exercise Files\02\_01\_SettingUpASiteForTesting\SQL-for-testers-practice-site\SQL-for-testers-practice-site-master

C:\Users\Poma>D:

D:\Exercise Files\02\_01\_SettingUpASiteForTesting\SQL-for-testers-practice-site\SQL-for-testers-practice-site-master>pip install flask

Requirement already satisfied: flask in c:\users\poma\appdata\local\programs\python\python311\lib\site-packages (2.3.2)

Requirement already satisfied: Werkzeug>=2.3.3 in c:\users\poma\appdata\local\programs\python\python311\lib\site-packages (from flask) (2.3.4)

Requirement already satisfied: Jinja2>=3.1.2 in c:\users\poma\appdata\local\programs\python\python311\lib\site-packages (from flask) (3.1.2)

Requirement already satisfied: itsdangerous>=2.1.2 in c:\users\poma\appdata\local\programs\python\python311\lib\site-packages (from flask) (2.1.2)

Requirement already satisfied: click>=8.1.3 in c:\users\poma\appdata\local\programs\python\python311\lib\site-packages (from flask) (8.1.3)

Requirement already satisfied: blinker>=1.6.2 in c:\users\poma\appdata\local\programs\python\python311\lib\site-packages (from flask) (1.6.2)

Requirement already satisfied: colorama in c:\users\poma\appdata\local\programs\python\python311\lib\site-packages (from click>=8.1.3->flask) (0.4.6)

Requirement already satisfied: MarkupSafe>=2.0 in c:\users\poma\appdata\local\programs\python\python311\lib\site-packages (from Jinja2>=3.1.2->flask) (2.1.2)

[notice] A new release of pip available: 22.3.1 -> 23.1.2

[notice] To update, run: C:\Users\Poma\AppData\Local\Programs\Python\Python311\python.exe -m pip install --upgrade pip

D:\Exercise Files\02\_01\_SettingUpASiteForTesting\SQL-for-testers-practice-site\SQL-for-testers-practice-site-master>main.py

\* Serving Flask app 'main'

\* Debug mode: on

WARNING: This is a development server. Do not use it in a production deployment. Use a production WSGI server instead.

\* Running on http://127.0.0.1:5000

Press CTRL+C to quit

\* Restarting with stat

\* Debugger is active!

\* Debugger PIN: 137-997-944

Database Structure View Tools Help

Databases database (5/27)

- tables (4)
- views

Filter by name

Structure Data Constraints Indexes Triggers DDL

Grid view Form view

Filter data

Total rows loaded: 100

userId	password	email	firstName	lastName	address1	zipcode	city	state	country	phone
1	827ccb0ea8a706c434a16891947b	fakuser1@gmail.com	John	Jones	1 Main Street Apt. 2	A1B 2C3	Paris	Ontario	Canada	123-4567890
2	827ccb0ea8a706c434a16891947b	fakuser2@gmail.com	Jane	Jones	123 Sunset Crescent	95123	Somewhereville	California	USA	123-4567891
3	827ccb0ea8a706c434a16891947b	jtweed2@amazonaws.com	Jacques	Tweed	96891 East Avenue	85010	Phoenix	Arizona	United States	602-772-4454
4	827ccb0ea8a706c434a16891947b	mdalyiel3@dropbox.com	Maure	Dalyiel	58909 Tennyson Avenue	90010	Los Angeles	California	United States	949-929-1288
5	827ccb0ea8a706c434a16891947b	kmcpak4@google.com	Korney	Mc Pake	2424 Carpenter Circle	31165	Atlanta	Georgia	United States	404-814-7206
6	827ccb0ea8a706c434a16891947b	gmattiel5@feng.com	Gerardo	Mattiel5	5 High Crossing Plaza	79176	Amarillo	Texas	United States	713-763-4454
7	827ccb0ea8a706c434a16891947b	vistanc6@admin.ch	Vance	Wistanc6	9252 Iowa Alley	22212	Arlington	Virginia	United States	571-478-0422
8	827ccb0ea8a706c434a16891947b	mbampfield7@moonfruit.com	Munroe	Bampfield7	8 Dakota Circle	45218	Cincinnati	Ohio	United States	513-239-1608
9	827ccb0ea8a706c434a16891947b	mkearley8@mozilla.com	Monti	Kearley8	9 Muir Alley	85067	Phoenix	Arizona	United States	602-600-5962
10	827ccb0ea8a706c434a16891947b	hovear9@usnews.com	Hercule	Overall	89 Lukken Alley	V98	Nipawin	Saskatchewan	Canada	347-470-1904
11	827ccb0ea8a706c434a16891947b	cwaision@over-blog.com	Carroll	Waision	32674 Westport Center	88553	El Paso	Texas	United States	915-552-5937
12	827ccb0ea8a706c434a16891947b	apluthrob@list-mange.com	Arlyn	Pluthrob	78 Sundown Hill	33343	Zephyrhills	Florida	United States	813-459-1781
13	827ccb0ea8a706c434a16891947b	mtolworth@nps.gov	Monte	Tolworth	825 Fordem Trail	60193	Schaumburg	Illinois	United States	708-799-2238
14	827ccb0ea8a706c434a16891947b	idahmed@ovh.net	Ignatius	Dahmke	611 Northwestern Trail	J5M	Saint-Lin-Laurentides	Quebec	Canada	585-116-8744
15	827ccb0ea8a706c434a16891947b	gcrangle@amazon.de	Garrek	Crangle	779 Mendota Avenue	M2K	Levisporte	Newfoundland and Labrador	Canada	469-125-0125
16	827ccb0ea8a706c434a16891947b	atolchard@rakuten.co.jp	Ab	Tolchard	4 Montana Circle	38188	Memphis	Tennessee	United States	901-393-8383
17	827ccb0ea8a706c434a16891947b	msomerledy@addthis.com	Mariellen	Somerledy	0364 Dottie Parkway	N2B	East Angus	Quebec	Canada	974-872-0050
18	827ccb0ea8a706c434a16891947b	agoghah@wikispaces.com	Agustine	Hoggan	1 American Ash Lane	29605	Greenville	South Carolina	United States	864-822-2078
19	827ccb0ea8a706c434a16891947b	bgorgiov@wunderground.com	Brietta	Gorgiov	432 Monument Crossing	78410	Corpus Christi	Texas	United States	361-796-4676
20	827ccb0ea8a706c434a16891947b	cerbanj@technorati.com	Clanra	Erban	67 Transport Crossing	06510	New Haven	Connecticut	United States	203-641-2681
21	827ccb0ea8a706c434a16891947b	dmaceur@jathis.com	Denys	Maceur	99 Carpenter Pass	G5N	Rimouski	Quebec	Canada	881-558-2239
22	827ccb0ea8a706c434a16891947b	asidney@eleganthemes.com	Anatolio	Sidney	302 Moland Center	E8M	Bonavista	Newfoundland and Labrador	Canada	557-346-4469
23	827ccb0ea8a706c434a16891947b	dhanabym@chronengine.com	Dorelle	Hanaby	049 Melby Pass	A1N	Mount Pearl	Newfoundland and Labrador	Canada	995-285-9250
24	827ccb0ea8a706c434a16891947b	gblagunn@goodreads.com	Ginnifer	Balogun	83 Battillon Street	V6V	Princeton	British Columbia	Canada	780-397-2585
25	827ccb0ea8a706c434a16891947b	kmascoll@ning.com	Kingsly	McAsgill	4 Sloan Terrace	59H	Swift Current	Saskatchewan	Canada	503-922-4402
26	827ccb0ea8a706c434a16891947b	oashingtonp@dyndns.org	Orren	Ashington	44 Sachs Crossing	22205	Arlington	Virginia	United States	703-342-4545
27	827ccb0ea8a706c434a16891947b	bjanikowski@a8.net	Bayram	Janikowski	45 Onsgard Parkway	11215	Brooklyn	New York	United States	917-829-8806
28	827ccb0ea8a706c434a16891947b	kgarzz@hud.gov	Ken	Garz	9 Katie Road	90035	Los Angeles	California	United States	323-468-9618
29	827ccb0ea8a706c434a16891947b	agritten@amazon.de	Alecia	Gritten	3 Pearson Trail	60435	Joliet	Illinois	United States	815-107-7017
30	827ccb0ea8a706c434a16891947b	asievett@economist.com	Aindrea	Sieve	1227 Summer Ridge Park	78862	Round Rock	Texas	United States	512-401-5117
31	827ccb0ea8a706c434a16891947b	lsonigist@arizona.edu	Liliane	Songist	7 Oakidge Pass	66105	Kansas City	Kansas	United States	913-995-8659
32	827ccb0ea8a706c434a16891947b	aharbour@flickr.com	Arlene	Harbour	5 Shelley Park	M4P	Dalmeny	Saskatchewan	Canada	224-335-1620
33	827ccb0ea8a706c434a16891947b	ggoldackw@foxnews.com	Glenden	Goldack	3451 Redwing Court	63150	Saint Louis	Missouri	United States	314-942-2138
34	827ccb0ea8a706c434a16891947b	skouven@btvire.com	Skaine	Ouver	3 Luster Center	V3A	Manning	Alberta	Canada	445-973-3165
35	827ccb0ea8a706c434a16891947b	mtelvey3@thebigdeadmail.com	Merle	Plavey	382 Schiller Plaza	33158	Miami	Florida	United States	305-398-4334
36	827ccb0ea8a706c434a16891947b	ratteley3@worldpress.org	Suey	Atteley	2866 Badeau Avenue	53205	Milwaukee	Wisconsin	United States	402-325-0903
37	827ccb0ea8a706c434a16891947b	ccummell10@redcross.org	Cori	Scammell	3 Doe Crossing Drive	P0W	White City	Saskatchewan	Canada	551-648-3668
38	827ccb0ea8a706c434a16891947b	jholdron11@a8.net	Jenna	Holdron	905 Tomcott Hill	L6E	Markham	Ontario	Canada	747-824-5752
39	827ccb0ea8a706c434a16891947b	dpatis12@nationalgeographic.com	Doro	Patris	702 Ridgeview Alley	P3N	Smithers	British Columbia	Canada	156-269-6632
40	827ccb0ea8a706c434a16891947b	elaugier13@yale.edu	Emelina	Laugier	85888 Independence Center	35895	Huntsville	Alabama	United States	256-375-5341
41	827ccb0ea8a706c434a16891947b	jgowrie14@qq.com	Jennette	Gowrie	107 Southridge Trail	19191	Philadelphia	Pennsylvania	United States	215-378-2427
42	827ccb0ea8a706c434a16891947b	rshawdorff15@usda.gov	Roxelia	Shawdorff	7 Gina Hill	94291	Sacramento	California	United States	916-275-8683
43	827ccb0ea8a706c434a16891947b	ecowdray16@usda.gov	Edythe	Cowdray	5 Waubesa Hill	91505	Burbank	California	United States	661-555-1527
44	827ccb0ea8a706c434a16891947b	btthome17@nifty.com	Bibby	Thoma	4059 Rieder Circle	37605	Johnson City	Tennessee	United States	423-382-9880
45	827ccb0ea8a706c434a16891947b	lfanning18@mozilla.com	Lana	Fanning	35 Sycamore Street	G9X	La Tuque	Quebec	Canada	528-412-4491
46	827ccb0ea8a706c434a16891947b	rlambotin19@zimbio.com	Rosabelle	Lambotin	6057 Morrow Way	75323	Dallas	Texas	United States	214-477-0097
47	827ccb0ea8a706c434a16891947b	nrshilton1@sinac.cn	Nevron	Shilton	7363 Loomis Park	98195	Seattle	Washington	United States	206-791-7231
48	827ccb0ea8a706c434a16891947b	mcurwen1b@cisco.com	Milka	Curwen	768 Little Fleur Street	78205	San Antonio	Texas	United States	202-713-7767
49	827ccb0ea8a706c434a16891947b	afebry1c@wufwo.com	Alksel	Febry	9811 Beilfuss Pass	33141	Miami Beach	Florida	United States	305-804-9493
50	827ccb0ea8a706c434a16891947b	bianntti1d@drupal.org	Brandon	Iannitti	8490 Schurz Alley	H5B	Montréal	Quebec	Canada	605-550-6810

Status

- [17:20:45] Query finished in 0.000 second(s).
- [17:21:46] Query finished in 0.004 second(s). Rows affected: 1
- [17:21:56] Query finished in 0.000 second(s).
- [17:22:24] Query finished in 0.003 second(s). Rows affected: 1

New table 1 (database) SQL editor 1 users (database) SQL editor 2 SQL editor 3 SQL editor 4 SQL editor 5 SQL editor 6 products (database) SQL editor 7 categories (database) SQL editor 8 SQL editor 9 SQL editor 10 SQL editor 11

## SQL queries

INSERT INTO users (userId, password, email, firstName, lastName, address1, zipcode, city, state, country, phone) VALUES (3, 'ZeF86ZafThz', 'jtweed2@amazonaws.com', 'Jacques', 'Tweed', '96891 East Avenue', '85010', 'Phoenix', 'Arizona', 'United States', '602-772-4454');

Mockaroo for random data generation

Database Structure View Tools Help

Filter by name

database (SQLite3)

- database (4)
- tables (4)
- cart
- categories
- products
- users
- Views

Query	History			
Database	Execution date	Time spent	Rows affected	SQL
18 database	2023-05-23 ...	0.004s	85	update products...
19 database	2023-05-23 ...	0.003s	1	update products...
20 database	2023-05-23 ...	0.003s	1	update products...
21 database	2023-05-23 ...	0.294s	86	insert into products (productid, name, price, description, image, stock, categoryid) values (15, 'Scion', '\$10365.33', 'Q', 'http://dummyimage.com/195x100.png/cc0000/ffffff', 20, 1);...
22 database	2023-05-23 ...	0.005s	1	delete from products...
23 database	2023-05-23 ...	0.004s	0	insert into products (productid, name, price, description, image, stock, categoryid) values (15, 'Scion', '\$10365.33', 'Q', 'http://dummyimage.com/195x100.png/cc0000/ffffff', 20, 1);...
24 database	2023-05-23 ...	0.004s	1	delete from products...
25 database	2023-05-23 ...	0.0s	15	select ...
26 database	2023-05-23 ...	0.003s	1	insert into products (productid, name, price, description, image, stock, categoryid) values (100, 'Audi', '\$256663.32', 'TT', 'http://dummyimage.com/233x100.png/dddddd/000000', 8, 2)
27 database	2023-05-23 ...	0.001s	0	insert into products (productid, name, price, description, image, stock, categoryid) values (100, 'BMW', '\$247620.69', 'M Roadster', 'http://dummyimage.com/242x100.png/5fa2dd/ffffff', 70, 100)
28 database	2023-05-23 ...	0.005s	100	update users...
29 database	2023-05-23 ...	0.003s	0	insert into users (userid, password, email, firstName, lastName, address1, zipcode, city, state, country, phone) values (3, 'ZeFz6ZaThz', 'jweed2@amazonaws.com', 'Jacques', 'jweed', '96891 East Avenue', '85010', ...
30 database	2023-05-23 ...	0.004s	1	insert into users100 (userid, password, email, firstName, lastName, address1, zipcode, city, state, country, phone) values (3, 'caKaP', 'bwallbutton2@exblog.jp', 'Brant', 'Wallbutton', '63 Warner Alley', 'V9B', ...
31 database	2023-05-23 ...	0.003s	1	insert into users100 (userid, password, email, firstName, lastName, address1, zipcode, city, state, country, phone) values (100, 'caKaP', 'bwallbutton2@exblog.jp', 'Brant', 'Wallbutton', '63 Warner Alley', 'V9B', ...
32 database	2023-05-23 ...	0.001s	2	select ...
33 database	2023-05-23 ...	0.001s	2	select ...
34 database	2023-05-23 ...	0.001s	2	select ...

```
insert into users (userid, password, email, firstName, lastName, address1, zipcode, city, state, country, phone) values (3, 'ZeFz6ZaThz', 'jweed2@amazonaws.com', 'Jacques', 'jweed', '96891 East Avenue', '85010', 'Phoenix', 'Arizona', 'United States', '960-772-4454');
insert into users (userid, password, email, firstName, lastName, address1, zipcode, city, state, country, phone) values (4, 'efABHJ', 'mdolyiel3@icqbox.com', 'Noure', 'dolyiel', '58989 Tennyson Avenue', '90018', 'Los Angeles', 'California', 'United States', '949-929-1288');
insert into users (userid, password, email, firstName, lastName, address1, zipcode, city, state, country, phone) values (5, 'eKLC4B2vT', 'mcpake4@google.com', 'Korney', 'Mc Pake', '2434 Carpenter Circle', '31165', 'Atlanta', 'Georgia', 'United States', '404-814-7206');
insert into users (userid, password, email, firstName, lastName, address1, zipcode, city, state, country, phone) values (6, '2eXeiE', 'gmattiel19@feng.com', 'Gerardo', 'Muttietti', '5 High Crossing Plaza', '79176', 'Amarillo', 'Texas', 'United States', '737-783-4464');
insert into users (userid, password, email, firstName, lastName, address1, zipcode, city, state, country, phone) values (7, 'lfpmlttm', 'wistance@admin.ch', 'Vance', 'Wistance', '2522 Iowa Alley', '22212', 'Arlington', 'Virginia', 'United States', '971-478-0422');
insert into users (userid, password, email, firstName, lastName, address1, zipcode, city, state, country, phone) values (8, 'QdLSf6vTCKT', 'mbampfield2@moonfruit.com', 'Munroe', 'Bampfield', '8 Dakota Circle', '45218', 'Cincinnati', 'Ohio', 'United States', '513-239-1488');
insert into users (userid, password, email, firstName, lastName, address1, zipcode, city, state, country, phone) values (9, 'vrisat', 'mkearley@netilla.com', 'Monti', 'Kearley', '9 Muir Alley', '85867', 'Phoenix', 'Arizona', 'United States', '602-688-5962');
insert into users (userid, password, email, firstName, lastName, address1, zipcode, city, state, country, phone) values (10, 'smo54w', 'hoveralu@usnews.com', 'Hercule', 'Overal', '89 Lukken Alley', 'V9B', 'Wipacwin', 'Saskatchewan', 'Canada', '347-478-1504');
insert into users (userid, password, email, firstName, lastName, address1, zipcode, city, state, country, phone) values (11, 'mskz86', 'cwalson@over-blog.com', 'Carrol', 'Walson', '32674 Westport Center', '88553', 'El Paso', 'Texas', 'United States', '943-352-5937');
insert into users (userid, password, email, firstName, lastName, address1, zipcode, city, state, country, phone) values (12, 'azymhmV2e8', 'apluthero@list-manage.com', 'Arlyn', 'Pluthero', '78 Sundown Hill', '33543', 'Zephyrhills', 'Florida', 'United States', '813-409-1783');
insert into users (userid, password, email, firstName, lastName, address1, zipcode, city, state, country, phone) values (13, 'vKAKmhozh', 'etoworth@nps.gov', 'Monte', 'Toworth', '825 Forden Trail', '68193', 'Schamburg', 'Illinois', 'United States', '708-799-2238');
insert into users (userid, password, email, firstName, lastName, address1, zipcode, city, state, country, phone) values (14, '8az25vAoNde', 'ldahmke@bvh.net', 'Ignatius', 'Dahmke', '611 Northwestern Trail', 'J5H', 'Saint-Lin-Laurentides', 'Quebec', 'Canada', '585-116-8744');
insert into users (userid, password, email, firstName, lastName, address1, zipcode, city, state, country, phone) values (15, 'CmPEvTmWUw', 'granglee@amazon.de', 'Garrek', 'Crangle', '779 Hendata Avenue', 'N2K', 'Levisport', 'Newfoundland and Labrador', 'Canada', '469-235-8225');
insert into users (userid, password, email, firstName, lastName, address1, zipcode, city, state, country, phone) values (16, 's4p4z', 'tolchard@brautaten.co.jp', 'Ab', 'Tolchard', '4 Montana Circle', '38188', 'Memphis', 'Tennessee', 'United States', '981-393-6053');
insert into users (userid, password, email, firstName, lastName, address1, zipcode, city, state, country, phone) values (17, 'N4wqpc', 'msomerledg@adathis.com', 'Mariellen', 'Somerled', '8634 Dottie Parkway', 'N2B', 'East Angus', 'Quebec', 'Canada', '974-872-8089');
insert into users (userid, password, email, firstName, lastName, address1, zipcode, city, state, country, phone) values (18, 'vRtYXmV8Qw', 'ahoggon@bvkispace.com', 'Aguste', 'Hoggon', '1 American Ash Lane', '22685', 'Greenville', 'South Carolina', 'United States', '864-822-2078');
insert into users (userid, password, email, firstName, lastName, address1, zipcode, city, state, country, phone) values (19, 'HtZIKJ1bfo', 'bgrigorov@kunderground.com', 'Briette', 'Grigorov', '432 Monument Crossing', '79438', 'Corpus Christi', 'Texas', 'United States', '361-796-4676');
insert into users (userid, password, email, firstName, lastName, address1, zipcode, city, state, country, phone) values (20, '2zKwRw', 'cerbalin@technorat.com', 'Clarita', 'Erbalin', '67 Transport Crossing', '06518', 'New Haven', 'Connecticut', 'United States', '203-442-2662');
insert into users (userid, password, email, firstName, lastName, address1, zipcode, city, state, country, phone) values (21, 'icLwHw8dP', 'dmaccuar@iathis.com', 'Dennis', 'Maccuar', '99 Carpenter Pass', 'G5N', 'Rimouski', 'Quebec', 'Canada', '862-558-2239');
insert into users (userid, password, email, firstName, lastName, address1, zipcode, city, state, country, phone) values (22, 'wqpcJmP1', 'slsiney@eleganthomes.com', 'Anatolio', 'Sidney', '302 Holland Center', 'E8H', 'Bonaville', 'Newfoundland and Labrador', 'Canada', '557-346-4469');
insert into users (userid, password, email, firstName, lastName, address1, zipcode, city, state, country, phone) values (23, '28P227JkUdc', 'dhanany@chronospace.com', 'Dorelle', 'Hanady', '949 Helby Pass', 'A1N', 'Mount Pearl', 'Newfoundland and Labrador', 'Canada', '985-365-9268');
```

Status

- [17:20:45] Query finished in 0.000 second(s).
- [17:21:46] Query finished in 0.004 second(s). Rows affected: 1
- [17:21:56] Query finished in 0.000 second(s).
- [17:22:24] Query finished in 0.003 second(s). Rows affected: 1

New table 1 (database) | SQL editor 1 | Users (database) | SQL editor 2 | SQL editor 3 | SQL editor 4 | SQL editor 5 | SQL editor 6 | products (database) | SQL editor 7 | categories (database) | SQL editor 8 | SQL editor 9 | SQL editor 10 | SQL editor 11

# SQL queries

UPDATE users  
SET password =  
"827ccb0eea8a706c4c34a16891f8  
4e7b"



## Shop by Category:

[Men](#) [Women](#) [TVs](#) [Computers](#) [Cars](#)

## Items

Men's Polo



\$ 9.99

Women's t-shirt



\$ 4.99

Tester's t-shirt



\$ 5.99

Men's Blank t-shirt



\$ 9.99

Men's Blank t-shirt 2



\$ 10.99

Agile t-shirt



\$ 14.99

Tester's t-shirt 2



\$ 7.99

Tester's t-shirt 3



\$ 6.99

Women's t-shirt 2



\$ 5.99

Tester's t-shirt 3



\$ 6.99

Tester's t-shirt 4



\$ 7.99

Computer



\$ 9.99

TV



\$ 499.99

Computer 2



\$ 1049.99

Scion



Porsche



Volkswagen



Audi



Kia



Isuzu






















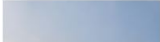
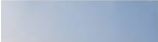
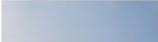
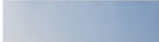
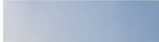
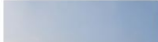
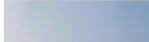


Ford



## SQL queries

```
INSERT INTO products  
(productId, name, price,  
description, image, stock,  
categoryId) VALUES(15,  
'Scion', '$103065.33', 'iQ',  
'http://dummyimage.com/1  
95x100.png/cc0000/ffffff',  
20, 1);
```






















\$ 6.99	\$ 5.99	\$ 6.99	\$ 7.99	\$ 9.99	\$ 499.99	\$ 1049.99
Scion	Porsche	Volkswagen	Audi	Kia	Isuzu	Ford
						
\$ 103065.33	\$ 120420.74	\$ 89712.49	\$ 89824.01	\$ 199057.96	\$ 42897.54	\$ 254644.48
Maserati	Ford	Suzuki	Isuzu	Toyota	Chrysler	Lincoln
						
\$ 81507.62	\$ 73493.12	\$ 249381.82	\$ 142219.35	\$ 291825.77	\$ 62398.11	\$ 220214.77
Jeep	Chevrolet	Acura	Mercury	Toyota	Dodge	Ford
						
\$ 274816.82	\$ 40711.86	\$ 320880.98	\$ 390233.99	\$ 387345.05	\$ 376399.16	\$ 100919.17
Toyota	Ford	Mercedes-Benz	Chevrolet	Mitsubishi	Lexus	Hyundai
						

## SQL queries

```
UPDATE products
SET image = "car.jpg"
WHERE productId
BETWEEN 16 AND 100
```

```
DELETE FROM
products
WHERE productId = 100
```

Showing all products of Category Cars:

Scion	Porsche	Volkswagen	Audi	Kia	Isuzu	Ford
						
\$ \$103065.33	\$ \$120420.74	\$ \$89712.49	\$ \$89824.01	\$ \$199057.96	\$ \$42897.54	\$ \$254644.48
Maserati	Ford	Suzuki	Isuzu	Toyota	Chrysler	Lincoln
						
\$ \$81507.62	\$ \$73493.12	\$ \$249381.82	\$ \$142219.35	\$ \$291825.77	\$ \$62398.11	\$ \$220214.77
Jeep	Chevrolet	Acura	Mercury	Toyota	Dodge	Ford
						
\$ \$274816.82	\$ \$40711.86	\$ \$320880.98	\$ \$390233.99	\$ \$387345.05	\$ \$376399.16	\$ \$100919.17

## SQL queries

```
INSERT INTO  
categories  
(categoryId, name)  
VALUES (5, "Cars");
```

```
UPDATE products  
SET categoryId = 5  
WHERE image =  
"car.jpg"
```

The screenshot shows a database management interface with a sidebar on the left displaying a tree view of the database structure. The main area is divided into two sections: a query editor at the top and a results grid at the bottom. The query editor contains a SQL query that selects product details from a 'products' table, joining it with a 'categories' table using 'categoryId'. The results grid displays a table with columns 'productId', 'name', 'image', 'stock', and 'name:1'. The table contains 26 rows of data, including car models like Porsche, Acura, Toyota, Mazda, Mercedes-Benz, and others. The status bar at the bottom shows the execution history of the query, indicating it was completed successfully.

Database Structure View:

- database (SQLite3)
  - Tables (4)
    - cart
    - categories
    - products
    - users
  - Views

Query:

```
1 SELECT productId, products.name, image, stock, categories.name
2 FROM products JOIN categories USING (categoryId)
3 ORDER BY stock DESC
```

Grid view | Form view

Total rows loaded: 100

productId	name	image	stock	name:1
16	Porsche	car.jpg	70	Cars
31	Acura	car.jpg	70	Cars
33	Toyota	car.jpg	70	Cars
36	Toyota	car.jpg	70	Cars
43	Mazda	car.jpg	70	Cars
46	Mazda	car.jpg	70	Cars
47	Mercedes-Benz	car.jpg	70	Cars
61	Panoz	car.jpg	70	Cars
67	Toyota	car.jpg	70	Cars
86	Mercedes-Benz	car.jpg	70	Cars
90	Pontiac	car.jpg	70	Cars
28	Lincoln	car.jpg	50	Cars
29	Jeep	car.jpg	50	Cars
45	Ford	car.jpg	50	Cars
51	Eagle	car.jpg	50	Cars
53	Nissan	car.jpg	50	Cars
64	Toyota	car.jpg	50	Cars
71	Saab	car.jpg	50	Cars
83	Mitsubishi	car.jpg	50	Cars
93	Acura	car.jpg	50	Cars
15	Scion	car.jpg	20	Cars
30	Chevrolet	car.jpg	20	Cars
38	Mercedes-Benz	car.jpg	20	Cars
54	Infiniti	car.jpg	20	Cars
76	Audi	car.jpg	20	Cars
92	Mercury	car.jpg	20	Cars

Status:

- [17:21:46] Query finished in 0.004 second(s). Rows affected: 1
- [17:21:56] Query finished in 0.000 second(s).
- [17:22:24] Query finished in 0.003 second(s). Rows affected: 1
- [17:38:43] Query finished in 0.001 second(s).

## SQL queries

SELECT productId,  
products.name, image,  
stock, categories.name  
FROM products JOIN  
categories USING  
(categoryId)  
ORDER BY stock DESC

INSERT INTO cart  
(userId, productId)  
VALUES (3, 15)

DELETE FROM cart

SELECT \* FROM cart