

The background features a light gray gradient with a large, semi-transparent white semi-circle on the left side. On the right side, there is a complex network diagram consisting of numerous gray lines connecting various colored nodes (red, green, blue, yellow, purple, and gray). The overall aesthetic is clean and modern.

SQL

Lab 2

INFM332: LISA CHENG

Your SQL query has been executed successfully.

```
SHOW COLUMNS FROM users;
```

Profiling [[Edit inline](#)] [[Edit](#)] [[Create PHP code](#)] [[Refresh](#)]

+ Options

| Field | Type | Null | Key | Default | Extra |
|-------------------|--------------------|------|-----|---------|----------------|
| user_id | mediumint unsigned | NO | PRI | NULL | auto_increment |
| first_name | varchar(20) | NO | | NULL | |
| last_name | varchar(40) | NO | | NULL | |
| email | varchar(60) | NO | | NULL | |
| pass | char(40) | NO | | NULL | |
| registration_date | datetime | NO | | NULL | |

Create Table/ Show Column

✔ 20 rows inserted.

Inserted row id: 50 (Query took 0.0219 seconds.)

```
INSERT INTO users(first_name,last_name,email, pass,registration_date) VALUES ('David','Jones','davey@monkees.com', SHA1('idk'), NOW()),
('Peter','Tork','peter@monkees.com', SHA1('monkey'), NOW()), ('Micky', 'Dolenz', 'micky@monkess.com', SHA1('monshe'), NOW()),
('Mike','Nesmith','mike@monkess.com', SHA1('yooo'), NOW()), ('David', 'Sedaris', 'david@authors.com', SHA1('yummy'), NOW()), ('Nike', 'Hornby',
'nick@authors.com', SHA1('whazz'), NOW()), ('Melissa', 'Bank', 'melissa@authors.com', SHA1('qwerty'), NOW()),('Toni', 'Morrison', 'toni@authors.com',
SHA1('uknow'),NOW()), ('Jonathan', 'Franzen', 'jonathan@authors.com', SHA1('iknow'), NOW()), ('Don', 'DeLillo', 'don@authors.com', SHA1 ('opab'), NOW()),
('Graham', 'Greene', 'graham@authors.com', SHA1('green'), NOW()), ('Michael', 'Chabon', 'michael@authors.com', SHA1('lisab'), NOW()), ('Richard', 'Brautigan',
```

[Edit]

INSERT INTO users

| + Options | | | | | | | | | |
|--------------------------|--|--|---------|------------|-----------|-----------|----------------------|---|---------------------|
| | | | user_id | first_name | last_name | email | pass | registration_date | |
| <input type="checkbox"/> | | | | 1 | Larry | Ullman | email@example.com | e727d1464ae12436e899a726da5b2f11d8381b26 | 2023-03-23 19:09:06 |
| <input type="checkbox"/> | | | | 2 | Zoe | Isabella | email2@example.com | 6b793ca1c216835ba85c1fbd1399ce729e34b4e5 | 2023-03-23 19:09:06 |
| <input type="checkbox"/> | | | | 3 | John | Lennon | john@beatles.com | 2a50435b0f512f60988db719106a258fb7e338ff | 2023-03-23 19:09:06 |
| <input type="checkbox"/> | | | | 4 | Paul | McCartney | paul@beatles.com | 6ae16792c502a5b47da180ce8456e5ae7d65e262 | 2023-03-23 19:09:06 |
| <input type="checkbox"/> | | | | 5 | George | Harrison | george@beatles.com | 1af17e73721dbe0c40011b82ed4bb1a7dbe3ce29 | 2023-03-23 19:09:06 |
| <input type="checkbox"/> | | | | 6 | Ringo | Starr | ringo@beatles.com | 520f73691bcf89d508d923a2dbc8e6fa58efb522 | 2023-03-23 19:09:06 |
| <input type="checkbox"/> | | | | 7 | John | Lennon | john@beatles.com | 2a50435b0f512f60988db719106a258fb7e338ff | 2023-03-23 19:14:36 |
| <input type="checkbox"/> | | | | 8 | Paul | McCartney | paul@beatles.com | 6ae16792c502a5b47da180ce8456e5ae7d65e262 | 2023-03-23 19:14:36 |
| <input type="checkbox"/> | | | | 9 | George | Harrison | george@beatles.com | 1af17e73721dbe0c40011b82ed4bb1a7dbe3ce29 | 2023-03-23 19:14:36 |
| <input type="checkbox"/> | | | | 10 | Ringo | Starr | ringo@beatles.com | 520f73691bcf89d508d923a2dbc8e6fa58efb522 | 2023-03-23 19:14:36 |
| <input type="checkbox"/> | | | | 11 | David | Jones | davey@monkees.com | 4ab1108ce6284ad7e517314bb7290c48a3a97ef9 | 2023-03-23 19:35:20 |
| <input type="checkbox"/> | | | | 12 | Peter | Tork | peter@monkees.com | ab87d24bdc7452e55738deb5f868e1f16dea5ace | 2023-03-23 19:35:20 |
| <input type="checkbox"/> | | | | 13 | Micky | Dolenz | micky@monkess.com | 3ff9a871b0afaab6ac26956c33e3f9c532c388ba | 2023-03-23 19:35:20 |
| <input type="checkbox"/> | | | | 14 | Mike | Nesmith | mike@monkess.com | 36ab598520187fb4ee4f2e45156b96b0d219a452 | 2023-03-23 19:35:20 |
| <input type="checkbox"/> | | | | 15 | David | Sedaris | david@authors.com | a474956cad6216365d5f9d4e27d75176f0714f17 | 2023-03-23 19:35:20 |
| <input type="checkbox"/> | | | | 16 | Nike | Hornby | nick@authors.com | 6faa2275544e90d4ee0486e9b1448dd546d93150 | 2023-03-23 19:35:20 |
| <input type="checkbox"/> | | | | 17 | Melissa | Bank | melissa@authors.com | b1b3773a05c0ed0176787a4f1574ff00757521e | 2023-03-23 19:35:20 |
| <input type="checkbox"/> | | | | 18 | Toni | Morrison | toni@authors.com | 582f5e45dcb12b90016faf0d32a55edcef840943 | 2023-03-23 19:35:20 |
| <input type="checkbox"/> | | | | 19 | Jonathan | Franzen | jonathan@authors.com | a828fde2681b0a3a862ba4db2ccb8fd692c73e58 | 2023-03-23 19:35:20 |
| <input type="checkbox"/> | | | | 20 | Don | DeLillo | don@authors.com | 99b97308b91b37196cc2e2f2187039276c91e77d | 2023-03-23 19:35:20 |
| <input type="checkbox"/> | | | | 21 | Graham | Greene | graham@authors.com | bc74f4f071a5a33f00ab88a6d6385b5e6638b86c | 2023-03-23 19:35:20 |
| <input type="checkbox"/> | | | | 22 | Michael | Chabon | michael@authors.com | 40e709ef93a76c1754a1937daf16c43424be0f33 | 2023-03-23 19:35:20 |
| <input type="checkbox"/> | | | | 23 | Richard | Brautigan | richard@authors.com | 4f9cac8dbc4c67a388b8379dccc126c90c7c5e72a | 2023-03-23 19:35:20 |
| <input type="checkbox"/> | | | | 24 | Russell | Banks | russel@authors.com | 38aa53de31c04bcfae9163cc23b7963ed9cf90f7 | 2023-03-23 19:35:20 |
| <input type="checkbox"/> | | | | 25 | Homer | Simpson | homer@simpson | 96de5543d183d7de52ac5fa21c46fc811f673f89 | 2023-03-23 19:35:20 |

```
SELECT * FROM users; /* retrieve all data from the user table */
```

```
SELECT first_name, last_name
```

```
FROM users;
```

+ Options

| | | | | user_id | first_name | last_name | email | pass | registration_date |
|--------------------------|--|--|--|---------|------------|-----------|--------------------|--|---------------------|
| <input type="checkbox"/> | | | | 25 | Homer | Simpson | homer@simpson | 96de5543d183d7de52ac5fa21c46fc811f673f89 | 2023-03-23 19:35:20 |
| <input type="checkbox"/> | | | | 26 | Marge | Simpson | marge@simpson.com | e5e0213249cd5bd8fb9d09bb50854072d3dfa7db | 2023-03-23 19:35:20 |
| <input type="checkbox"/> | | | | 27 | Bart | Simpson | bart@simpson | 36dc3e31538a18b606f20f185133da3db31c8aa1 | 2023-03-23 19:35:20 |
| <input type="checkbox"/> | | | | 28 | Lisa | Simpson | lisa@simpson.com | 1dd09baa19dc7688f96e2ea45033603921cd7b83 | 2023-03-23 19:35:20 |
| <input type="checkbox"/> | | | | 29 | Maggie | Simpson | maggie@simpson.com | 6cf34755b9de3322045869f47dc449b4785b8226 | 2023-03-23 19:35:20 |
| <input type="checkbox"/> | | | | 30 | Abe | Simpson | abe@simpson.com | 7d531617dd394cef59d3cf58fc32b3bc458f6744 | 2023-03-23 19:35:20 |
| <input type="checkbox"/> | | | | 45 | Homer | Simpson | homer@simpson | 96de5543d183d7de52ac5fa21c46fc811f673f89 | 2023-03-23 19:45:43 |
| <input type="checkbox"/> | | | | 46 | Marge | Simpson | marge@simpson.com | e5e0213249cd5bd8fb9d09bb50854072d3dfa7db | 2023-03-23 19:45:43 |
| <input type="checkbox"/> | | | | 47 | Bart | Simpson | bart@simpson | 36dc3e31538a18b606f20f185133da3db31c8aa1 | 2023-03-23 19:45:43 |
| <input type="checkbox"/> | | | | 48 | Lisa | Simpson | lisa@simpson.com | 1dd09baa19dc7688f96e2ea45033603921cd7b83 | 2023-03-23 19:45:43 |
| <input type="checkbox"/> | | | | 49 | Maggie | Simpson | maggie@simpson.com | 6cf34755b9de3322045869f47dc449b4785b8226 | 2023-03-23 19:45:43 |
| <input type="checkbox"/> | | | | 50 | Abe | Simpson | abe@simpson.com | 7d531617dd394cef59d3cf58fc32b3bc458f6744 | 2023-03-23 19:45:43 |

```
SELECT * FROM users
WHERE last_name = 'Simpson';
```

| Options | | | | first_name |
|--------------------------|------|------|--------|------------|
| <input type="checkbox"/> | Edit | Copy | Delete | Homer |
| <input type="checkbox"/> | Edit | Copy | Delete | Marge |
| <input type="checkbox"/> | Edit | Copy | Delete | Bart |
| <input type="checkbox"/> | Edit | Copy | Delete | Lisa |
| <input type="checkbox"/> | Edit | Copy | Delete | Maggie |
| <input type="checkbox"/> | Edit | Copy | Delete | Abe |

```
SELECT first_name FROM users
WHERE last_name= 'Simpson'; /* Select just the first names
of users whose last name is Simpson*/
```

+ Options

| | user_id | first_name | last_name |
|---|---------|------------|-----------|
| <input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete 1 | Larry | | Ullman |

```
SELECT user_id, first_name, last_name
       FROM users
       WHERE pass = SHA1('mypass');
```




| | | | | first_name | last_name |
|--------------------------|------|------|--------|------------|-----------|
| <input type="checkbox"/> | Edit | Copy | Delete | Larry | Ullman |
| <input type="checkbox"/> | Edit | Copy | Delete | Zoe | Isabella |
| <input type="checkbox"/> | Edit | Copy | Delete | John | Lennon |
| <input type="checkbox"/> | Edit | Copy | Delete | Ringo | Starr |
| <input type="checkbox"/> | Edit | Copy | Delete | John | Lennon |
| <input type="checkbox"/> | Edit | Copy | Delete | Paul | McCartney |
| <input type="checkbox"/> | Edit | Copy | Delete | George | Harrison |
| <input type="checkbox"/> | Edit | Copy | Delete | Richard | Brautigan |
| <input type="checkbox"/> | Edit | Copy | Delete | Russell | Banks |
| <input type="checkbox"/> | Edit | Copy | Delete | David | Jones |
| <input type="checkbox"/> | Edit | Copy | Delete | Peter | Tork |
| <input type="checkbox"/> | Edit | Copy | Delete | Micky | Dolenz |
| <input type="checkbox"/> | Edit | Copy | Delete | Mike | Nesmith |
| <input type="checkbox"/> | Edit | Copy | Delete | David | Sedaris |
| <input type="checkbox"/> | Edit | Copy | Delete | Nike | Hornby |
| <input type="checkbox"/> | Edit | Copy | Delete | Melissa | Bank |
| <input type="checkbox"/> | Edit | Copy | Delete | Toni | Morrison |
| <input type="checkbox"/> | Edit | Copy | Delete | Jonathan | Franzen |
| <input type="checkbox"/> | Edit | Copy | Delete | Don | DeLillo |
| <input type="checkbox"/> | Edit | Copy | Delete | Graham | Greene |
| <input type="checkbox"/> | Edit | Copy | Delete | Michael | Chabon |
| <input type="checkbox"/> | Edit | Copy | Delete | Richard | Brautigan |
| <input type="checkbox"/> | Edit | Copy | Delete | Russell | Banks |
| <input type="checkbox"/> | Edit | Copy | Delete | Homer | Simpson |
| <input type="checkbox"/> | Edit | Copy | Delete | Marge | Simpson |

```
SELECT first_name,last_name
FROM users WHERE
(user_id <10) OR (user_id >20);
```



```
SELECT * FROM users
WHERE last_name LIKE 'Bank%';
```



































| | user_id | first_name | last_name | email | pass | registration_date |
|---|---------|------------|-----------|---------------------|--|---------------------|
| <input type="checkbox"/> Edit Copy Delete | 17 | Melissa | Bank | melissa@authors.com | b1b3773a05c0ed0176787a4f1574ff0075f7521e | 2023-03-23 19:35:20 |
| <input type="checkbox"/> Edit Copy Delete | 24 | Russell | Banks | russel@authors.com | 38aa53de31c04bcfae9163cc23b7963ed9cf90f7 | 2023-03-23 19:35:20 |

LIKE function

+ Options

| | | | | ▼ first_name | last_name |
|--------------------------|--|--|--|--------------|-----------|
| <input type="checkbox"/> |  Edit |  Copy |  Delete | Larry | Ullman |
| <input type="checkbox"/> |  Edit |  Copy |  Delete | Zoe | Isabella |
| <input type="checkbox"/> |  Edit |  Copy |  Delete | John | Lennon |
| <input type="checkbox"/> |  Edit |  Copy |  Delete | Paul | McCartney |
| <input type="checkbox"/> |  Edit |  Copy |  Delete | George | Harrison |
| <input type="checkbox"/> |  Edit |  Copy |  Delete | Ringo | Starr |
| <input type="checkbox"/> |  Edit |  Copy |  Delete | Mike | Nesmith |
| <input type="checkbox"/> |  Edit |  Copy |  Delete | David | Jones |
| <input type="checkbox"/> |  Edit |  Copy |  Delete | Peter | Tork |
| <input type="checkbox"/> |  Edit |  Copy |  Delete | Micky | Dolenz |
| <input type="checkbox"/> |  Edit |  Copy |  Delete | Mike | Nesmith |
| <input type="checkbox"/> |  Edit |  Copy |  Delete | Homer | Simpson |
| <input type="checkbox"/> |  Edit |  Copy |  Delete | Marge | Simpson |
| <input type="checkbox"/> |  Edit |  Copy |  Delete | Bart | Simpson |
| <input type="checkbox"/> |  Edit |  Copy |  Delete | Lisa | Simpson |
| <input type="checkbox"/> |  Edit |  Copy |  Delete | Maggie | Simpson |
| <input type="checkbox"/> |  Edit |  Copy |  Delete | Abe | Simpson |

```
SELECT first_name, last_name
FROM users WHERE
email NOT LIKE '%@authors.com';
```

| | | | | | |
|--------------------------|---|---|---|----------|-----------|
| <input type="checkbox"/> |  |  |  | Melissa | Bank |
| <input type="checkbox"/> |  |  |  | Russell | Banks |
| <input type="checkbox"/> |  |  |  | Richard | Brautigam |
| <input type="checkbox"/> |  |  |  | Michael | Chabon |
| <input type="checkbox"/> |  |  |  | Don | DeLillo |
| <input type="checkbox"/> |  |  |  | Micky | Dolenz |
| <input type="checkbox"/> |  |  |  | Jonathan | Franzen |
| <input type="checkbox"/> |  |  |  | Graham | Greene |
| <input type="checkbox"/> |  |  |  | George | Harrison |
| <input type="checkbox"/> |  |  |  | Nike | Hornby |
| <input type="checkbox"/> |  |  |  | Zoe | Isabella |
| <input type="checkbox"/> |  |  |  | David | Jones |
| <input type="checkbox"/> |  |  |  | John | Lennon |
| <input type="checkbox"/> |  |  |  | Paul | McCartney |
| <input type="checkbox"/> |  |  |  | Toni | Morrison |
| <input type="checkbox"/> |  |  |  | Mike | Nesmith |
| <input type="checkbox"/> |  |  |  | David | Sedaris |
| <input type="checkbox"/> |  |  |  | Homer | Simpson |
| <input type="checkbox"/> |  |  |  | Marge | Simpson |
| <input type="checkbox"/> |  |  |  | Bart | Simpson |
| <input type="checkbox"/> |  |  |  | Lisa | Simpson |
| <input type="checkbox"/> |  |  |  | Maggie | Simpson |
| <input type="checkbox"/> |  |  |  | Abe | Simpson |
| <input type="checkbox"/> |  |  |  | Ringo | Starr |
| <input type="checkbox"/> |  |  |  | Peter | Tork |

```
SELECT first_name, last_name FROM  
users ORDER BY last_name;
```



The screenshot shows a database application interface with a table of users. The table has two columns: 'first_name' and 'last_name'. The data is sorted by last name in ascending order, and for users with the same last name, it is sorted by first name in ascending order. Each row includes a checkbox, an edit icon, a copy icon, and a delete icon.

| | first_name | last_name |
|--------------------------|------------|-----------|
| <input type="checkbox"/> | Melissa | Bank |
| <input type="checkbox"/> | Russell | Banks |
| <input type="checkbox"/> | Richard | Brautigam |
| <input type="checkbox"/> | Michael | Chabon |
| <input type="checkbox"/> | Don | DeLillo |
| <input type="checkbox"/> | Micky | Dolenz |
| <input type="checkbox"/> | Jonathan | Franzen |
| <input type="checkbox"/> | Graham | Greene |
| <input type="checkbox"/> | George | Harrison |
| <input type="checkbox"/> | Nike | Hornby |
| <input type="checkbox"/> | Zoe | Isabella |
| <input type="checkbox"/> | David | Jones |
| <input type="checkbox"/> | John | Lennon |
| <input type="checkbox"/> | Paul | McCartney |
| <input type="checkbox"/> | Toni | Morrison |
| <input type="checkbox"/> | Mike | Nesmith |
| <input type="checkbox"/> | David | Sedaris |
| <input type="checkbox"/> | Abe | Simpson |
| <input type="checkbox"/> | Bart | Simpson |
| <input type="checkbox"/> | Homer | Simpson |
| <input type="checkbox"/> | Lisa | Simpson |
| <input type="checkbox"/> | Maggie | Simpson |
| <input type="checkbox"/> | Marge | Simpson |
| <input type="checkbox"/> | Ringo | Starr |
| <input type="checkbox"/> | Peter | Tork |




```
SELECT first_name, last_name FROM  
users ORDER BY last_name ASC, first_name ASC;
```

| | | | | user_id | first_name | last_name | email | pass | registration_date |
|--------------------------|--|--|--|---------|------------|-----------|----------------------|--|---------------------|
| <input type="checkbox"/> | | | | 33 | Micky | Dolenz | micky@monkess.com | 3ff9a871b0afaab6ac26956c33e3f9c532c388ba | 2023-03-23 19:45:43 |
| <input type="checkbox"/> | | | | 43 | Richard | Brautigan | richard@authors.com | 4f9cac8dbc4c67a388b8379dcc126c90c7c5e72a | 2023-03-23 19:45:43 |
| <input type="checkbox"/> | | | | 42 | Michael | Chabon | mike@authors.com | 40e709ef93a76c1754a1937daf16c43424bef033 | 2023-03-23 19:45:43 |
| <input type="checkbox"/> | | | | 41 | Graham | Greene | graham@authors.com | bc74f4f071a5a33f00ab88a6d6385b5e6638b86c | 2023-03-23 19:45:43 |
| <input type="checkbox"/> | | | | 40 | Don | DeLillo | don@authors.com | 99b97308b91b37196cc2e2f2187039276c91e77d | 2023-03-23 19:45:43 |
| <input type="checkbox"/> | | | | 39 | Jonathan | Franzen | jonathan@authors.com | a828fde2681b0a3a862ba4db2ccb8fd692c73e58 | 2023-03-23 19:45:43 |
| <input type="checkbox"/> | | | | 38 | Toni | Morrison | toni@authors.com | 582f5e45dcb12b90016faf0d32a55edcef840943 | 2023-03-23 19:45:43 |
| <input type="checkbox"/> | | | | 36 | Nike | Hornby | nick@authors.com | 6faa2275544e90d4ee0486e9b1448dd546d93150 | 2023-03-23 19:45:43 |
| <input type="checkbox"/> | | | | 35 | David | Sedaris | david@authors.com | a474956cad6216365d5f9d4e27d75176f0714f17 | 2023-03-23 19:45:43 |
| <input type="checkbox"/> | | | | 34 | Mike | Nesmith | mike@monkess.com | 36ab598520187fb4ee4f2e45156b96b0d219a452 | 2023-03-23 19:45:43 |
| <input type="checkbox"/> | | | | 31 | David | Jones | davey@monkees.com | 4ab1108ce6284ad7e517314bb7290c48a3a97ef9 | 2023-03-23 19:45:43 |
| <input type="checkbox"/> | | | | 24 | Russell | Banks | russel@authors.com | 38aa53de31c04bcfae9163cc23b7963ed9cf907 | 2023-03-23 19:35:20 |
| <input type="checkbox"/> | | | | 17 | Melissa | Bank | melissa@authors.com | b1b3773a05c0ed0176787a4f1574ff0075f7521e | 2023-03-23 19:35:20 |
| <input type="checkbox"/> | | | | 10 | Ringo | Starr | ringo@beatles.com | 520f73691bcf89d508d923a2dbc8e6fa58efb522 | 2023-03-23 19:14:36 |
| <input type="checkbox"/> | | | | 9 | George | Harrison | george@beatles.com | 1af17e73721dbe0c40011b82ed4bb1a7d8e3ce29 | 2023-03-23 19:14:36 |
| <input type="checkbox"/> | | | | 8 | Paul | McCartney | paul@beatles.com | 6ae16792c502a5b47da180ce8456e5ae7d65e262 | 2023-03-23 19:14:36 |
| <input type="checkbox"/> | | | | 7 | John | Lennon | john@beatles.com | 2a50435b0f512f60988db719106a258fb7e338ff | 2023-03-23 19:14:36 |
| <input type="checkbox"/> | | | | 1 | Larry | Ullman | email@example.com | e727d1464ae12436e899a726da5b2f11d8381b26 | 2023-03-23 19:09:06 |
| <input type="checkbox"/> | | | | 2 | Zoe | Isabella | email2@example.com | 6b793ca1c216835ba85c1fdb1399ce729e34b4e5 | 2023-03-23 19:09:06 |

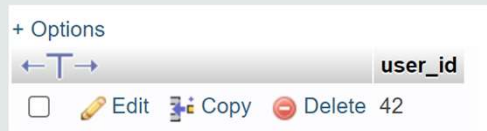
```
SELECT * FROM users
WHERE last_name != 'Simpson'
ORDER BY registration_date DESC;
```

| | | | | first_name | last_name |
|--------------------------|--|--|---|------------|-----------|
| <input type="checkbox"/> |  Edit |  Copy |  Delete | Abe | Simpson |
| <input type="checkbox"/> |  Edit |  Copy |  Delete | David | Sedaris |
| <input type="checkbox"/> |  Edit |  Copy |  Delete | Mike | Nesmith |
| <input type="checkbox"/> |  Edit |  Copy |  Delete | David | Jones |
| <input type="checkbox"/> |  Edit |  Copy |  Delete | Peter | Tork |

```
SELECT first_name, last_name  
FROM users ORDER BY  
registration_date DESC LIMIT 5;
```

| + Options | |
|--------------------------|--|
| ← T → | ▼ first_name last_name |
| <input type="checkbox"/> |  Edit  Copy  Delete Zoe Isabella |


```
SELECT first_name, last_name
FROM users ORDER BY
registration_date ASC LIMIT 1, 1;
```

A screenshot of a database table view. The table has one column labeled 'user_id'. Below the column header, there is a row with the value '42'. To the left of the row, there are icons for 'Edit', 'Copy', and 'Delete'.

| user_id |
|---------|
| 42 |

```
SELECT user_id FROM users  
WHERE first_name = 'Michael'  
AND last_name = 'Chabon';
```



A screenshot of a database table view. The table has columns: 'user_id', 'first_name', 'last_name', 'email', 'pass', and 'registration_date'. Below the column headers, there is a row with the following values: '42', 'Michael', 'Chabon', 'mike@authors.com', '40e709ef93a76c1754a1937daf16c43424bef033', and '2023-03-23 19:45:43'. To the left of the row, there are icons for 'Edit', 'Copy', and 'Delete'.

| user_id | first_name | last_name | email | pass | registration_date |
|---------|------------|-----------|------------------|--|---------------------|
| 42 | Michael | Chabon | mike@authors.com | 40e709ef93a76c1754a1937daf16c43424bef033 | 2023-03-23 19:45:43 |

```
SELECT * FROM users  
WHERE user_id = 18;
```

Updating Record: Michael Chabon

```
SELECT user_id FROM users  
WHERE first_name = 'Peter'  
AND last_name = 'Tork'
```

✓ MySQL returned an empty result set (i.e. zero rows). (Query took 0.0006 seconds.)

```
SELECT user_id FROM users WHERE first_name='Peter' AND last_name='Tork';
```

Profiling [[Edit inline](#)] [[Edit](#)] [[Explain SQL](#)] [[Create PHP code](#)] [[Refresh](#)]

| user_id |
|---------|
|---------|

Deleting a Record: Peter Tork

CONCAT(last_name, ',', first_name)

Ullman,Larry
Isabella,Zoe
Lennon,John
McCartney,Paul
Harrison,George
Starr,Ringo
Bank,Melissa
Banks,Russell
Jones,David
Dolenz,Micky
Nesmith,Mike
Sedaris,David
Hornby,Nike
Morrison,Toni
Franzen,Jonathan
DeLillo,Don
Greene,Graham
Chabon,Michael
Brautigan,Richard
Simpson,Homer
Simpson,Marge
Simpson,Bart
Simpson,Lisa
Simpson,Maggie
Simpson,Abe

Without Alias

Name 1

Bank,Melissa
Banks,Russell
Brautigan,Richard
Chabon,Michael
DeLillo,Don
Dolenz,Micky
Franzen,Jonathan
Greene,Graham
Harrison,George
Hornby,Nike
Isabella,Zoe
Jones,David
Lennon,John
McCartney,Paul
Morrison,Toni
Nesmith,Mike
Sedaris,David
Simpson,Abe
Simpson,Bart
Simpson,Homer
Simpson,Lisa
Simpson,Maggie
Simpson,Marge
Starr,Ringo
Ullman,Larry

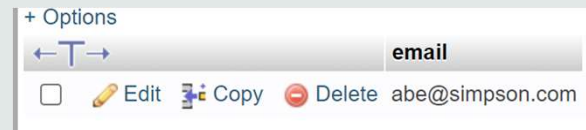
Find the Longest Last name

← T → L last_name
□ Edit Copy Delete 9 McCartney

With Alias

+ Options
cost
\$5,639.60

Numeric Format



```
/*Retrieve a random email address from the table*/  
SELECT email FROM users  
ORDER BY RAND() LIMIT 1;
```

Date

2023-03-23

Date of Latest Registration

Weekday

Thursday

Day Registered

Last Day of Current Month

| LAST_DAY(CURDATE()) | MONTHNAME(CURDATE()) |
|---------------------|----------------------|
| 2023-03-31 | March |

Show the current date and time, according to MYSQL

| CURDATE() | CURTIME() |
|------------|-----------|
| 2023-03-23 | 20:20:01 |

```
DATE_FORMAT(NOW(), '%M %e, %Y %1:%i')
```

```
March 23, 2023 1:21
```

Return the current date and time as Month DD, YYYY -HH:MM

```
TIME_FORMAT(CURTIME(), '%T')
```

```
20:22:12
```

Display the current time, using 24-hour notation

| + Options | | | | email | Date |
|--------------------------|------|------|--------|-------------------|-----------------|
| <input type="checkbox"/> | Edit | Copy | Delete | | |
| <input type="checkbox"/> | Edit | Copy | Delete | abe@simpson.com | Thu Mar 23 2023 |
| <input type="checkbox"/> | Edit | Copy | Delete | nick@authors.com | Thu Mar 23 2023 |
| <input type="checkbox"/> | Edit | Copy | Delete | david@authors.com | Thu Mar 23 2023 |
| <input type="checkbox"/> | Edit | Copy | Delete | davey@monkees.com | Thu Mar 23 2023 |
| <input type="checkbox"/> | Edit | Copy | Delete | micky@monkess.com | Thu Mar 23 2023 |

Abbreviates the weekday and month, year for the last 5 registered