

Starting Mysql with MAMP (Macintosh):

```
/Applications/MAMP/Library/bin/mysql -u root -p (enter root when prompted)
```

Starting MySql with XAMPP (Windows):

```
c:\xampp\mysql\bin\mysql.exe -u root -p
```

Starting MySQL in linux:

```
mysql -u root -p
```

```
CREATE DATABASE People DEFAULT CHARACTER SET utf8;
```

USE People; (Command line only)

```
CREATE TABLE Users (  
    name VARCHAR(128),  
    email VARCHAR(128)  
);
```

```
DESCRIBE Users;
```

```
INSERT INTO Users (name, email) VALUES ('Chuck', 'csev@umich.edu') ;  
INSERT INTO Users (name, email) VALUES ('Sally', 'sally@umich.edu') ;  
INSERT INTO Users (name, email) VALUES ('Somesh', 'somesh@umich.edu') ;  
INSERT INTO Users (name, email) VALUES ('Caitlin', 'cait@umich.edu') ;  
INSERT INTO Users (name, email) VALUES ('Ted', 'ted@umich.edu') ;
```

```
DELETE FROM Users WHERE email='ted@umich.edu';
```

```
UPDATE Users SET name='Charles' WHERE email='csev@umich.edu';
```

```
SELECT * FROM Users;
```

```
SELECT * FROM Users WHERE email='csev@umich.edu';
```

```
SELECT * FROM Users ORDER BY email;
```

```
SELECT * FROM Users WHERE name LIKE '%e%';
```

```
SELECT * FROM Users ORDER BY email DESC LIMIT 2;
```

```
SELECT * FROM Users ORDER BY email LIMIT 1,2;
```

```
CREATE TABLE Users (  
    user_id INT UNSIGNED NOT NULL AUTO_INCREMENT,  
    name VARCHAR(128),  
    email VARCHAR(128),  
    PRIMARY KEY(user_id),  
    INDEX ( name )  
);
```

To add the index after the table was created:

```
ALTER TABLE Users ADD INDEX ( name );
```

```
INSERT INTO Users (name, email) VALUES ('Chuck', 'csev@umich.edu') ;  
INSERT INTO Users (name, email) VALUES ('Sally', 'sally@umich.edu') ;  
INSERT INTO Users (name, email) VALUES ('Somesh', 'somesh@umich.edu') ;  
INSERT INTO Users (name, email) VALUES ('Caitlin', 'cait@umich.edu') ;  
INSERT INTO Users (name, email) VALUES ('Ted', 'ted@umich.edu') ;
```