

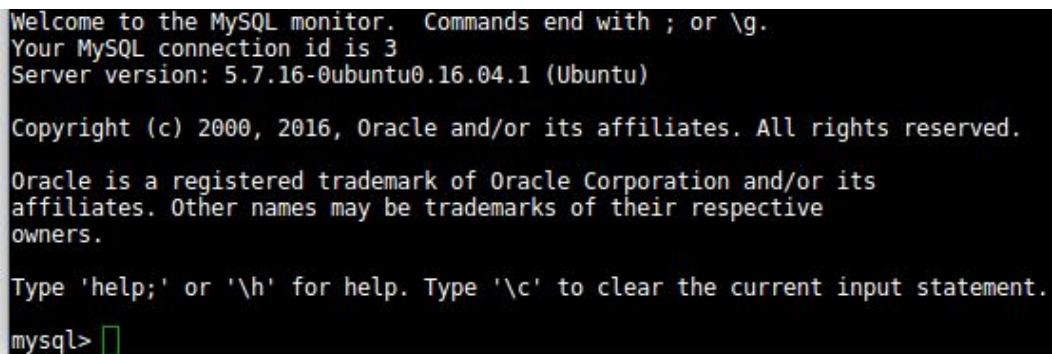
### Milestone 3

Our database has three tables, 'Storage', 'Password', and "Username" in it. The 'Storage' table contains name, hard drive type, phone number, and still at the OIT as attributes. The informations are sorted by Id. Id is the primary key in the whole database, and each person have the specific Id number. The 'Password' table contains first name, last name, password, and password hint as attributes. These information are all sorted by the same Id as in 'Storage'. The 'Storage' table has the first name of person. The 'Password' table can get first name and last name from the table. The 'Username' table has Username, Firstname, Lastname, Name length. Each person has its own Username, the Name Length can only hold the maximum of 40 character. The Storage is the main control to other tables.

4. Access mysql via the CLI (where -u is for user, and -p is for password)

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

To Login mysql



```
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 3
Server version: 5.7.16-0ubuntu0.16.04.1 (Ubuntu)

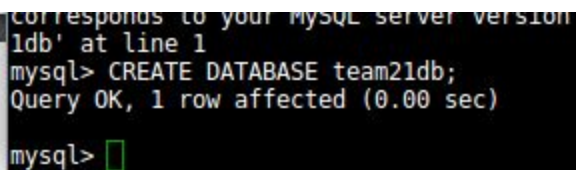
Copyright (c) 2000, 2016, Oracle and/or its affiliates. All rights reserved.

Oracle is a registered trademark of Oracle Corporation and/or its
affiliates. Other names may be trademarks of their respective
owners.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql> 
```

After that, we create a database called team21db



```
corresponds to your MySQL server version
ldb' at line 1
mysql> CREATE DATABASE team21db;
Query OK, 1 row affected (0.00 sec)

mysql> 
```

And we use that DATABASE with the command: USE team21bd

We create 3 tables named team21db.sql : storage, password, username

```

/home/user/Desktop/CSCI3308/Project/team21db.sql - Mousepad
File Edit Search View Document Help

CREATE TABLE IF NOT EXISTS `Storage` (
  `Id` int(1) NOT NULL auto_increment,
  `Name` varchar(40) NOT NULL,
  `HardDrive` varchar(40) NOT NULL,
  `Phone` varchar(7) NOT NULL,
  `Pickedup` varchar(3) NOT NULL,
  PRIMARY KEY (`Id`)
) ENGINE=MyISAM DEFAULT CHARSET=utf8 AUTO_INCREMENT=1;

INSERT INTO `Storage` (`Name`, `HardDrive`, `Phone`, `Pickedup`) VALUES
  ('John', 'IDE', '3456789', 'NO'),
  ('Mason', 'SAS', '5551234', 'YES'),
  ('Jake', 'SCSI', '6570123', 'NO'),
  ('Matt', 'SCSI', '1239090', 'NO'),
  ('Helen', 'SATA', '5471423', 'YES');

CREATE TABLE IF NOT EXISTS `Password` (
  `Id` int(1) NOT NULL auto_increment,
  `FirstName` varchar(40) NOT NULL,
  `LastName` varchar(40) NOT NULL,
  `Password` varchar(40) NOT NULL,
  `PasswordHint` varchar(40) NOT NULL,
  PRIMARY KEY (`Id`)
) ENGINE=MyISAM DEFAULT CHARSET=utf8 AUTO_INCREMENT=1;

INSERT INTO `Password` (`FirstName`, `LastName`, `Password`, `PasswordHint`) VALUES
  ('John', 'Smith', 'jsmsk', 'js'),
  ('Mason', 'Michael', 'aaccss', 'aac'),
  ('Jake', 'Sam', 'samithki', 'samith'),
  ('Matt', 'Lee', 'matwsa', 'matw'),
  ('Helen', 'Johnson', '51sdagye', 'number');

CREATE TABLE IF NOT EXISTS `Username` (
  `Id` int(1) NOT NULL auto_increment,
  `Username` varchar(40) NOT NULL,
  `Firstname` varchar(40) NOT NULL,
  `Lastname` varchar(40) NOT NULL,
  `NameLength` int(2) NOT NULL,
  PRIMARY KEY (`Id`)
) ENGINE=MyISAM DEFAULT CHARSET=utf8 AUTO_INCREMENT=1;

INSERT INTO `Username` (`Username`, `Firstname`, `Lastname`, `NameLength`) VALUES
  ('John', 'Smith', 'jsmsk', '40'),
  ('Mason', 'Michael', 'aaccss', '40'),
  ('Jake', 'Sam', 'samithki', '40'),
  ('Matt', 'Lee', 'matwsa', '40'),
  ('Helen', 'Johnson', '51sdagye', '40');
```

```
mysql> Select * from Storage;
```

	Id	Name	HardDrive	Phone	Pickedup
1	John	IDE	3456789	NO	
2	Mason	SAS	5551234	YES	
3	Jake	SCSI	6570123	NO	
4	Matt	SCSI	1239090	NO	
5	Helen	SATA	5471423	YES	

5 rows in set (0.00 sec)

\*Screenshots of using the database in mySQL.\*

```
mysql> Select * from Password;
```

	Id	FirstName	LastName	Password	PasswordHint
1	John	Smith	jsmsk	js	
2	Mason	Michael	aaccss	aac	
3	Jake	Sam	samithki	samith	
4	Matt	Lee	matwsa	matw	
5	Helen	Johnson	5lsdagye	number	

5 rows in set (0.00 sec)

```
mysql> Select * from Username;
```

	Id	Username	Firstname	Lastname	NameLength
1	John	Smith	jsmsk	40	
2	Mason	Michael	aaccss	40	
3	Jake	Sam	samithki	40	
4	Matt	Lee	matwsa	40	
5	Helen	Johnson	5lsdagye	40	

5 rows in set (0.00 sec)