```
Script started on Thu 26 Feb 2015 09:17:32 PM PST
0;kevin@kevin-ubuntu: ~/sjsu/cs172a-15-spr/hw3kevin@kevin-ubuntu:~/sjsu/cs172a-15-
spr/hw3$ mysql
The program 'mysql' can be found in the following packages:
 * mysql-client-core-5.5
 * mariadb-client-core-5.5
 * mysql-client-core-5.6
 * percona-xtradb-cluster-client-5.5
Try: sudo apt-get install <selected package>
0;kevin@kevin-ubuntu: ~/sjsu/cs172a-15-spr/hw3kevin@kevin-ubuntu:~/sjsu/cs172a-15-
spr/hw3$ sudo apt-get install mysql-client-core
[sudo] password for kevin:
Reading package lists... Done
Building dependency tree... 50%
Reading state information... Done
E: Unable to locate package mysql-client-core
0;kevin@kevin-ubuntu: ~/sjsu/cs172a-15-spr/hw3kevin@kevin-ubuntu:~/sjsu/cs172a-15-
spr/hw3$ sudo apt-get install mysql-client-coreK-5.6
Reading package lists... Done
Building dependency tree... 50%
Reading state information... Done
The following packages were automatically installed and are no longer required:
  linux-headers-3.16.0-23 linux-headers-3.16.0-23-generic linux-image-3.16.0-23-
generic linux-image-extra-3.16.0-23-generic
Use 'apt-get autoremove' to remove them.
The following NEW packages will be installed:
  mysql-client-core-5.6
0 upgraded, 1 newly installed, 0 to remove and 115 not upgraded.
Need to get 4,061 kB of archives.
After this operation, 23.1 MB of additional disk space will be used.
Get:1ahttp://us.archive.ubuntu.com/ubuntu/0utopic/universe)mysql-client-core-5.6
amd64 5.6.19-1~exp1ubuntu2 [4,061 kB]
31%[[1mmysql-client-core-5.631,244BkB/4,061BkB531%]
                       44,0405B/s/11minn37s^C0;kevin@kevin-ubuntu: ~/sjsu/cs172a-
15-spr/hw3kevin@kevin-ubuntu:~/sjsu/cs172a-15-spr/hw3$ sudo apt-get install mysql-
client-core-5.6
Reading package lists... Done
Building dependency tree... 50%
Reading state information... Done
The following packages were automatically installed and are no longer required:
  linux-headers-3.16.0-23 linux-headers-3.16.0-23-generic linux-image-3.16.0-23-
generic linux-image-extra-3.16.0-23-generic
Use 'apt-get autoremove' to remove them.
The following NEW packages will be installed:
  mysql-client-core-5.6
0 upgraded, 1 newly installed, 0 to remove and 115 not upgraded.
Need to get 4,061 kB of archives.
After this operation, 23.1 MB of additional disk space will be used.
Get:1ahttp://us.archive.ubuntu.com/ubuntu/0utopic/universe)mysql-client-core-5.6
amd64 5.6.19-1~exp1ubuntu2 [4,061 kB]
Fetchedo2,817]kBein-6min-26s (7,280kB/s)061 kB 99%]
                       2217.30233.7kkB/s10s
Selecting previously unselected package mysql-client-core-5.6.
(Reading database ... 319818 files and directories currently installed.)
Preparing to unpack .../mysql-client-core-5.6_5.6.19-1~exp1ubuntu2_amd64.deb ...
Unpacking mysql-client-core-5.6 (5.6.19-1~exp1ubuntu2) ...
Processing triggers for man-db (2.7.0.2-2) ...
0;kevin@kevin-ubuntu: ~/sjsu/cs172a-15-spr/hw3kevin@kevin-ubuntu:~/sjsu/cs172a-15-
spr/hw3$ mysql
```

```
ERROR 2002 (HY000): Can't connect to local MySQL server through socket
'/var/run/mysqld/mysqld.sock' (2)
0;kevin@kevin-ubuntu: ~/sjsu/cs172a-15-spr/hw3kevin@kevin-ubuntu:~/sjsu/cs172a-15-
spr/hw3$ sudo mysqK/etc/init.d/myKservcKice mysqld start
mysqld: unrecognized service
0;kevin@kevin-ubuntu: ~/sjsu/cs172a-15-spr/hw3kevin@kevin-ubuntu:~/sjsu/cs172a-15-
spr/hw3$ sudo apt-get install mysql-server
Reading package lists... Done
Building dependency tree... 50%
Reading state information... Done
Some packages could not be installed. This may mean that you have
requested an impossible situation or if you are using the unstable
distribution that some required packages have not yet been created
or been moved out of Incoming.
The following information may help to resolve the situation:

The following packages have unmet dependencies:
 mysql-server : Depends: mysql-server-5.5 but it is not going to be installed
E: Unable to correct problems, you have held broken packages.
0;kevin@kevin-ubuntu: ~/sjsu/cs172a-15-spr/hw3kevin@kevin-ubuntu:~/sjsu/cs172a-15-
spr/hw3$ sudo apt-get install mysql-server-5.6
Reading package lists... Done
Building dependency tree... 50%
Reading state information... Done
The following packages were automatically installed and are no longer required:
  linux-headers-3.16.0-23 linux-headers-3.16.0-23-generic linux-image-3.16.0-23-
generic linux-image-extra-3.16.0-23-generic
Use 'apt-get autoremove' to remove them.
The following extra packages will be installed:
  libdbd-mysql-perl libhtml-template-perl mysql-client-5.6 mysql-common-5.6 mysql-
server-core-5.6
Suggested packages:
  libipc-sharedcache-perl tinyca
The following NEW packages will be installed:
  libdbd-mysql-perl libhtml-template-perl mysql-client-5.6 mysql-common-5.6 mysql-
server-5.6 mysql-server-core-5.6
0 upgraded, 6 newly installed, 0 to remove and 115 not upgraded.
Need to get 16.3 MB of archives.
After this operation, 136 MB of additional disk space will be used.
Do you want to continue? [Y/n] y
Get:1ahttp://us.archive.ubuntu.com/ubuntu/0utopic/main:libdbd-mysql-perl amd64
4.028-2 [88.6 kB]
Get:2ohttp://us.archive.ubuntu.com/ubuntu/0utopic/universe mysql-client-5.6 amd64
5.6.19-1~exp1ubuntu2 [5,654 kB]          9,189 B/s 29min 25s
Get:3Whttp://us.archive.ubuntu.com/ubuntu/9utopic/universe mysql-server-core-5.6
amd64 5.6.19-1~exp1ubuntu2 [4,777 kB]          121.4kkB/s18minn13s
Get:4Whttp://us.archive.ubuntu.com/ubuntu/7utopic/universe mysql-server-5.6 amd64
5.6.19-1~exp1ubuntu2 [5,710 kB]          24.72kB/ss3minn54s
Err%http://us.archive.ubuntu.com/ubuntu/mutopic/main.libhtml-template-perl all
2.95-1                                    226.439,619kB/s18s
  Connection failed [IP: 91.189.91.23 80]
Get:5[http://us.archive.ubuntu.com/ubuntu/ utopic/universe mysql-common-5.6 all
5.6.19-1~exp1ubuntu2 [13.5 kB]
Fetchedo16.2gMBoino16min 36s9(16.33kB/s) 9%]
E: Failed to fetch http://us.archive.ubuntu.com/ubuntu/pool/main/libh/libhtml-
template-perl/libhtml-template-perl_2.95-1_all.deb  Connection failed [IP:
91.189.91.23 80]

E: Unable to fetch some archives, maybe run apt-get update or try with --fix-
```

missing?
0;kevin@kevin-ubuntu: ~/sjsu/cs172a-15-spr/hw3kevin@kevin-ubuntu:~/sjsu/cs172a-15-spr/hw3$ **sudo apt-get install mysql-server-5.6**
[sudo] password for kevin:
Reading package lists... Done
Building dependency tree... 50%
Reading state information... Done
The following packages were automatically installed and are no longer required:
  linux-headers-3.16.0-23 linux-headers-3.16.0-23-generic linux-image-3.16.0-23-
generic linux-image-extra-3.16.0-23-generic
Use 'apt-get autoremove' to remove them.
The following extra packages will be installed:
  libdbd-mysql-perl libhtml-template-perl mysql-client-5.6 mysql-common-5.6 mysql-
server-core-5.6
Suggested packages:
  libipc-sharedcache-perl tinyca
The following NEW packages will be installed:
  libdbd-mysql-perl libhtml-template-perl mysql-client-5.6 mysql-common-5.6 mysql-
server-5.6 mysql-server-core-5.6
0 upgraded, 6 newly installed, 0 to remove and 115 not upgraded.
Need to get 65.5 kB/16.3 MB of archives.
After this operation, 136 MB of additional disk space will be used.
Do you want to continue? [Y/n] y
Get:1ahttp://us.archive.ubuntu.com/ubuntu/0utopic/main:libhtml-template-perl all
2.95-1 [65.5 kB]
Fetchedo65.5gkBtinp2min-10sl(5003B/s)65.5kkB674%]
Preconfiguring packages ...
?1049lSelecting9previously7unselected2package3libdbd-mysql-perl.
                                                                        2;1H 2;1H

                 3;1H 3;1H
                                                4;1H 4;1H
                                                                             5;1H
5;1H
                    6;1H 6;1H
                                                   7;1H 7;1H
8;1H 8;1H
                           9;1H 9;1H
                                                       10;1H 10;1H
            11;1H 11;1H
                                                   12;1H 12;1H
13;1H 13;1H
                               14;1H 14;1H
                                                        15;1H 15;1H
            16;1H 16;1H
                                                   17;1H 17;1H
                                                                         18;1H
18;1H
                          19;1H 19;1H
                                                      20;1H 20;1H
              21;1H 21;1H
                                                   22;1H 22;1H
                                                                          23;1H
23;1H

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                    24;1H 24;1H
                                                          25;1H 25;1H
      26;1H 26;1H
                                          27;1H 27;1H
28;1H 28;1H
                              29;1H 29;1H
                                                        30;1H 30;1H
          31;1H 31;1H
                              32;1H 32;1H
                                                              33;1H
33;1H
                    34;1H 34;1H
                                              35;1H 35;1H
        36;1H 36;1H
                                        37;1H 37;1H
38;1H 38;1H
                          39;1H 39;1H
                                              39;14739;147H4hH4l1;1H?
25l?12l?
25hBm37m45mPackagegconfiguration15;51H30m47mâ"Œâ"€â"€â"€â"€â"€â"€â"¤â"€31mConfiguri
ngâ"€mysql-server-5.630mnâ"œâ"€â"€â"€â"€â"€â"€â"€â"�16;51Hâ",erver-5.630m
â"œâ"€â"€â"€â"€â"€â"€â"€â"€â"€â"€â"€â"€â"€â"€â"€â"€â"€â"€â"€â"€â"€â"€â"€â"€â"€â"
€â"€â"€â"€â"€â",1m37m40mâ"€17;51HBm30m47mâ",not mandatory, it is highly recommended
that â",1m37m40m 18;51HBm30m47mâ",eRepeat
passwordrforvtherMySQLu"root"â",user:40â",1m37m40mm19;51HBm30m47mâ",
          â",1m37m40m
20;51HBm30m47mâ", 37m45m_____30m47mmâ",1m37m4
0mh21;51HBm30m47mâ",t blank, the password will not be changed.   â",1m37m40m
22;51HBm30m47mâ",            <Ok>â",1m37m40m 18;17HBm30m4â",1m37m40m
23;51HBm30m47mâ",                              â",1m37m40m
24;51HBm30m47mâ""â"€â"€â"€â"€â"€â"€â"€â"€â"€â"€â"€â"€â"€â"€â"€â"€â"€â"€â"€â"€â"€â"€â"€
â"€â"€â"€â"€â"€â"€â"€â"€â"€â"€â"€â"€â"€â"€â"€â"€â"€â"€â"€â"€â"€â"Im37m40ms25;
52Hfor the MySQL "root" user:          20;53HBm37m45m******?25l?12l?
25h39;1H40mBm39;49m        â",1m37m40m 20;17HBm30m47mâ",
                                                          â",1m37m40m
21;17HBm30m47mâ", 37m45m_____
_____30m47m â",1m37m40m
22;17HBm30m47mâ",
                    â",1m37m40m 23;17HBm30m47mâ",
<Ok>                                             â",1m37m40m 24;17HBm30m47mâ",

â",1m37m40m
25;17HBm30m47mâ""â"€â"€â"€â"€â"€â"€â"€â"€â"€â"€â"€â"€â"€â"€â"€â"€â"€â"€â"€â"€â"€
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€â"€â"Im37m40m 26;18H 21;19HBm37m45m******?25l?12l?25h39;1H40mBm39;49m
(Reading database ... 319827 files and directories currently installed.)
Preparing to unpack .../libdbd-mysql-perl_4.028-2_amd64.deb ...
Unpacking libdbd-mysql-perl (4.028-2) ...
Selecting previously unselected package mysql-client-5.6.
Preparing to unpack .../mysql-client-5.6_5.6.19-1~exp1ubuntu2_amd64.deb ...
Unpacking mysql-client-5.6 (5.6.19-1~exp1ubuntu2) ...
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Selecting previously unselected package mysql-server-core-5.6.
Preparing to unpack .../mysql-server-core-5.6_5.6.19-1~exp1ubuntu2_amd64.deb ...
Unpacking mysql-server-core-5.6 (5.6.19-1~exp1ubuntu2) ...
Selecting previously unselected package mysql-server-5.6.
Preparing to unpack .../mysql-server-5.6_5.6.19-1~exp1ubuntu2_amd64.deb ...
Unpacking mysql-server-5.6 (5.6.19-1~exp1ubuntu2) ...
Selecting previously unselected package libhtml-template-perl.
Preparing to unpack .../libhtml-template-perl_2.95-1_all.deb ...
Unpacking libhtml-template-perl (2.95-1) ...
Selecting previously unselected package mysql-common-5.6.
Preparing to unpack .../mysql-common-5.6_5.6.19-1~exp1ubuntu2_all.deb ...
Unpacking mysql-common-5.6 (5.6.19-1~exp1ubuntu2) ...
Processing triggers for man-db (2.7.0.2-2) ...
Processing triggers for ureadahead (0.100.0-16) ...
Setting up libdbd-mysql-perl (4.028-2) ...
Setting up mysql-client-5.6 (5.6.19-1~exp1ubuntu2) ...
Setting up mysql-server-core-5.6 (5.6.19-1~exp1ubuntu2) ...
Setting up mysql-server-5.6 (5.6.19-1~exp1ubuntu2) ...
2015-02-26 22:04:28 0 [Warning] Using unique option prefix key_buffer instead of
key_buffer_size is deprecated and will be removed in a future release. Please use
the full name instead.
2015-02-26 22:04:28 0 [Warning] TIMESTAMP with implicit DEFAULT value is
deprecated. Please use --explicit_defaults_for_timestamp server option (see
documentation for more details).
mysql start/running, process 16882
Setting up libhtml-template-perl (2.95-1) ...
Setting up mysql-common-5.6 (5.6.19-1~exp1ubuntu2) ...
Processing triggers for ureadahead (0.100.0-16) ...
0;kevin@kevin-ubuntu: ~/sjsu/cs172a-15-spr/hw3kevin@kevin-ubuntu:~/sjsu/cs172a-15-
spr/hw3$ mysql
ERROR 1045 (28000): Access denied for user 'kevin'@'localhost' (using password: NO)
0;kevin@kevin-ubuntu: ~/sjsu/cs172a-15-spr/hw3kevin@kevin-ubuntu:~/sjsu/cs172a-15-
spr/hw3$ !service
bash: !service: event not found
0;kevin@kevin-ubuntu: ~/sjsu/cs172a-15-spr/hw3kevin@kevin-ubuntu:~/sjsu/cs172a-15-
spr/hw3$ sudo service mysqld status
mysqld: unrecognized service
0;kevin@kevin-ubuntu: ~/sjsu/cs172a-15-spr/hw3kevin@kevin-ubuntu:~/sjsu/cs172a-15-
spr/hw3$ mysql -u root test
ERROR 1045 (28000): Access denied for user 'root'@'localhost' (using password: NO)
0;kevin@kevin-ubuntu: ~/sjsu/cs172a-15-spr/hw3kevin@kevin-ubuntu:~/sjsu/cs172a-15-
spr/hw3$ mysql -u root -p
Enter password:
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 46
Server version: 5.6.19-1~exp1ubuntu2 (Ubuntu)

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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> creaKte database hwtesK3tesK-a
    -> ;
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that
corresponds to your MySQL server version for the right syntax to use near '-a' at
```

```
line 1
mysql> create database hw3-a;
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that
corresponds to your MySQL server version for the right syntax to use near '-a' at
line 1
mysql> create database hw3a;
Query OK, 1 row affected (0.00 sec)

mysql> use hw3a;
Database changed
mysql> create table commandstest (path varchar(100), stuff decimal(8));
Query OK, 0 rows affected (0.40 sec)

mysql> insert into commandstest
    -> values('a path',10);
Query OK, 1 row affected (0.04 sec)

mysql> insert into commandstest
    -> values('another path',25);
Query OK, 1 row affected (0.05 sec)

mysql> selecKquit;
Bye
0;kevin@kevin-ubuntu: ~/sjsu/cs172a-15-spr/hw3kevin@kevin-ubuntu:~/sjsu/cs172a-15-
spr/hw3$ mysql -u root -pabc123 --execute="select * from commandstest" hw3a
Warning: Using a password on the command line interface can be insecure.
+--------------+-------+
| path         | stuff |
+--------------+-------+
| a path       |    10 |
| another path |    25 |
+--------------+-------+
0;kevin@kevin-ubuntu: ~/sjsu/cs172a-15-spr/hw3kevin@kevin-ubuntu:~/sjsu/cs172a-15-
spr/hw3$ for i in abc def banana cat
> do
> mysql -u root -pabc123 --execute="insert into commandstest values ($K$i,101);"
hw3a
> done
Warning: Using a password on the command line interface can be insecure.
ERROR 1054 (42S22) at line 1: Unknown column 'abc' in 'field list'
Warning: Using a password on the command line interface can be insecure.
ERROR 1054 (42S22) at line 1: Unknown column 'def' in 'field list'
Warning: Using a password on the command line interface can be insecure.
ERROR 1054 (42S22) at line 1: Unknown column 'banana' in 'field list'
Warning: Using a password on the command line interface can be insecure.
ERROR 1054 (42S22) at line 1: Unknown column 'cat' in 'field list'
0;kevin@kevin-ubuntu:C~/sjsu/cs172a-15-spr/hw3kevin@kevin-ubuntu:~/sjsu/cs172a-15-
spr/hw3$CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC
CCCCCCCCCCCCCCCCCCCCCCC ($i,10   Note I deleted the space after values.

Warning: Using a password on the command line interface can be insecure.
ERROR 1054 (42S22) at line 1: Unknown column 'abc' in 'field list'
Warning: Using a password on the command line interface can be insecure.
ERROR 1054 (42S22) at line 1: Unknown column 'def' in 'field list'
Warning: Using a password on the command line interface can be insecure.
ERROR 1054 (42S22) at line 1: Unknown column 'banana' in 'field list'
Warning: Using a password on the command line interface can be insecure.
ERROR 1054 (42S22) at line 1: Unknown column 'cat' in 'field list'
1@"evin@kevin-ubuntu:C~/sjsu/cs172a-15-spr/hw3kevin@kevin-ubuntu:~/sjsu/cs172a-15-
```

spr/hw3$CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC
CCCCCCCCCCCCCCCCCCCCCCCCCCCC\,1@1A
What I did was put \"$i\" so that the I had quotes in the values line
for i in abc def banana cat
do
* mysql -u root -pabc123 --execute="insert into commandstest values(\"$i\",101);" hw3a*
done
Warning: Using a password on the command line interface can be insecure.
Warning: Using a password on the command line interface can be insecure.
Warning: Using a password on the command line interface can be insecure.
Warning: Using a password on the command line interface can be insecure.
0;kevin@kevin-ubuntu:C~/sjsu/cs172a-15-spr/hw3kevin@kevin-ubuntu:~/sjsu/cs172a-15-
spr/hw3$**mysql -u root -pabc123 –execute="select * from commandstest" hw3a**
Warning: Using a password on the command line interface can be insecure.
+-------------+------+
| path | stuff |
+-------------+------+
a path	10
another path	25
abc	101
def	101
banana	101
cat	101
+-------------+------+
0;kevin@kevin-ubuntu: ~/sjsu/cs172a-15-spr/hw3kevin@kevin-ubuntu:~/sjsu/cs172a-15-
spr/hw3$ **exit**

Script done on Thu 26 Feb 2015 10:18:53 PM PST