

[illegible]

variety of MySQL components. You may select the appropriate product to choose the version that you wish to receive.

Once you are satisfied with the configuration then select last option 'Ok' to save the configuration, then run 'apt-get update' to load package list. Advanced users can always change the configurations later, depending on their own needs.

# [15;2H#[30m#[47m|  
 |# [97m#[40m # [16;2H#[30m#[47m|

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# [K#[1;1H#[37mPackage configuration#[6;7H#[30m#[47m| \_\_\_\_\_ |

# [31mConfiguring mysql-apt-config#[30m | \_\_\_\_\_ |# [7;7H| Which MySQL product do you wish to configure? |# [97m#[40m

# [8;7H#[30m#[47m|

|# [97m#[40m # [9;7H#[30m#[47m| # [37m#[41mMySQL Server & Cluster (Currently selected: mysql-8.0) # [30m#[47m |# [97m#[40m # [10;7H#[30m#[47m| MySQL Tools & Connectors (Currently selected: Enabled) |# [97m#[40m # [11;7H#[30m#[47m|

MySQL Preview Packages (Currently selected: Disabled) |# [97m#[40m

# [12;7H#[30m#[47m| Ok

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#[31mConfiguring mysql-apt-config#[30m
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|#[97m#[40m #[7;2H#[30m#[47m| MySQL APT Repo features MySQL Server along with a
variety of MySQL |#[97m#[40m #[8;2H#[30m#[47m| components. You may select the
appropriate product to choose the version |#[97m#[40m #[9;2H#[30m#[47m| that you
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|#[97m#[40m #[11;2H#[30m#[47m| Once you are satisfied with the configuration then
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#[31mConfiguring mysql-apt-config#[30m |#[7;7H| Which MySQL product
do you wish to configure? |#[97m#[40m
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selected: mysql-8.0) #[30m#[47m      |#[97m#[40m #[10;7H#[30m#[47m|      MySQL Tools &
Connectors (Currently selected: Enabled)      |#[97m#[40m #[11;7H#[30m#[47m|
MySQL Preview Packages (Currently selected: Disabled)      |#[97m#[40m
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#[K#[1;1H#[37mPackage configuration#[4;2H#[30m#[47m|_____|
#[31mConfiguring mysql-apt-config#[30m |_____#[5;2H| This is a
collection of preview packages for the MySQL suite, including |#[97m#[40m
#[6;2H#[30m#[47m| connectors, MySQL Shell, MySQL Workbench, MySQL Utilities and
MySQL      |#[97m#[40m #[7;2H#[30m#[47m| router. These packages are meant for
testing upcoming features and      |#[97m#[40m #[8;2H#[30m#[47m| products, and may
contain instabilities.      |#[97m#[40m
#[9;2H#[30m#[47m|
|#[97m#[40m #[10;2H#[30m#[47m| Enable or disable MySQL preview
packages      |#[97m#[40m
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#[3l#Configuring mysql-apt-config#[30m
|_____#[6;2H|
|#[97m#[40m # [7;2H#[30m#[47m| MySQL APT Repo features MySQL Server along with a
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appropriate product to choose the version |#[97m#[40m # [9;2H#[30m#[47m| that you
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97% [23 Packages store 0 B] [30 icons-64x64 229 kB/291 kB 79%] [Waiting for hea

98% [23 Packages store 0 B] [Waiting for headers] [Waiting for headers]

Get:31 http://us.archive.ubuntu.com/ubuntu bionic-updates/multiverse amd64 DEP-11  
Metadata [2,464 B]

98% [23 Packages store 0 B] [Waiting for headers] [Waiting for headers]

Get:32 http://us.archive.ubuntu.com/ubuntu bionic-backports/universe amd64 DEP-11  
Metadata [5,104 B]

99% [23 Packages store 0 B] [32 Components-amd64 5,104 B/5,104 B 100%] [Waiting  
99% [23 Packages store 0 B] [Waiting for headers]

99% [Waiting for headers]  
99% [25 Translation-en store 0 B] [Waiting for headers]

99% [Waiting for headers]  
99% [26 Components-amd64 store 0 B] [Waiting for headers]

99% [Waiting for headers]  
99% [28 Components-amd64 store 0 B] [Waiting for headers]

99% [Waiting for headers]  
99% [27 icons-48x48 store 0 B] [Waiting for headers]

99% [Waiting for headers]  
99% [29 icons-64x64 store 0 B] [Waiting for headers]

99% [Waiting for headers]  
99% [30 icons-64x64 store 0 B] [Waiting for headers]

99% [Waiting for headers]  
99% [31 Components-amd64 store 0 B] [Waiting for headers]

99% [Waiting for headers]  
99% [32 Components-amd64 store 0 B] [Waiting for headers]

99% [Waiting for headers]

Get:33 http://repo.mysql.com/apt/ubuntu bionic/mysql-apt-config i386 Packages [568 B]

99% [33 Packages 568 B/568 B 100%]

99% [Working]

99% [33 Packages store 0 B] [Waiting for headers]

99% [Waiting for headers]

Get:34 http://repo.mysql.com/apt/ubuntu bionic/mysql-8.0 amd64 Packages [7,002 B]

99% [34 Packages 7,002 B/7,002 B 100%]

99% [Waiting for headers]

99% [34 Packages store 0 B] [Waiting for headers]

100% [Waiting for headers]

Get:35 http://repo.mysql.com/apt/ubuntu bionic/mysql-8.0 i386 Packages [7,004 B]

100% [35 Packages 7,004 B/7,004 B 100%]

100% [Waiting for headers]

100% [35 Packages store 0 B] [Waiting for headers]

100% [Waiting for headers]

100% [Waiting for headers]

Get:36 http://repo.mysql.com/apt/ubuntu bionic/mysql-tools amd64 Packages [2,519 B]

100% [36 Packages 2,519 B/2,519 B 100%]

100% [Waiting for headers]

100% [36 Packages store 0 B] [Waiting for headers]

100% [Waiting for headers]

Get:37 http://repo.mysql.com/apt/ubuntu bionic/mysql-tools i386 Packages [1,882 B]

100% [37 Packages 1,882 B/1,882 B 100%]

100% [Working]

100% [37 Packages store 0 B]

100% [Working]

Fetched 3,320 kB in 3s (1,184 kB/s)

Reading package lists... 0%

Reading package lists... 0%

Reading package lists... 0%

Reading package lists... 3%

Reading package lists... 3%

Reading package lists... 7%

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[illegible]

Reading package lists... 98%

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Reading package lists... 98%

Reading package lists... Done

```
#]0;prasad@prasad-pc: ~##[01;32mprasad@prasad-pc#[00m:#[01;34m~#[00m$ sudo apt-get  
install mysql-server
```

Reading package lists... 0%

Reading package lists... 100%

Reading package lists... Done

Building dependency tree... 0%

Building dependency tree... 0%

Building dependency tree... 50%

Building dependency tree... 50%

Building dependency tree

Reading state information... 0%

Reading state information... 0%

Reading state information... Done

The following additional packages will be installed:

libaiol1 libmecab2 mecab-ipadic mecab-ipadic-utf8 mecab-utils mysql-client  
mysql-common mysql-community-client mysql-community-client-core  
mysql-community-server mysql-community-server-core

The following NEW packages will be installed:

libaiol1 libmecab2 mecab-ipadic mecab-ipadic-utf8 mecab-utils mysql-client  
mysql-common mysql-community-client mysql-community-client-core  
mysql-community-server mysql-community-server-core mysql-server

0 upgraded, 12 newly installed, 0 to remove and 19 not upgraded.

Need to get 54.3 MB of archives.



After this operation, 414 MB of additional disk space will be used.  
Do you want to continue? [Y/n] y

0% [Working]

Get:1 http://us.archive.ubuntu.com/ubuntu bionic/main amd64 libaio1 amd64 0.3.110-5 [6,448 B]

0% [Waiting for headers] [1 libaio1 4,960 B/6,448 B 77%]

2% [Waiting for headers]

Get:2 http://us.archive.ubuntu.com/ubuntu bionic/universe amd64 libmecab2 amd64 0.996-5 [257 kB]

2% [Waiting for headers] [2 libmecab2 7,053 B/257 kB 3%]

Get:3 http://repo.mysql.com/apt/ubuntu bionic/mysql-8.0 amd64 mysql-common amd64 8.0.12-1ubuntu18.04 [78.6 kB]

2% [3 mysql-common 18.9 kB/78.6 kB 24%] [2 libmecab2 34.3 kB/257 kB 13%]

4% [2 libmecab2 46.9 kB/257 kB 18%]

6% [Waiting for headers] [Waiting for headers]

Get:4 http://us.archive.ubuntu.com/ubuntu bionic/universe amd64 mecab-utils amd64 0.996-5 [4,856 B]

6% [Waiting for headers] [4 mecab-utils 4,856 B/4,856 B 100%]

7% [Waiting for headers]

Get:5 http://us.archive.ubuntu.com/ubuntu bionic/universe amd64 mecab-ipadic all 2.7.0-20070801+main-1 [12.1 MB]

7% [Waiting for headers] [5 mecab-ipadic 1,207 B/12.1 MB 0%]

Get:6 http://repo.mysql.com/apt/ubuntu bionic/mysql-8.0 amd64 mysql-community-client-core amd64 8.0.12-1ubuntu18.04 [1,435 kB]

7% [6 mysql-community-client-core 7,742 B/1,435 kB 1%] [5 mecab-ipadic 130 kB/1

13% [Waiting for headers] [5 mecab-ipadic 1,676 kB/12.1 MB 14%]

Get:7 http://repo.mysql.com/apt/ubuntu bionic/mysql-8.0 amd64 mysql-community-client amd64 8.0.12-1ubuntu18.04 [2,292 kB]

13% [7 mysql-community-client 10.2 kB/2,292 kB 0%] [5 mecab-ipadic 1,676 kB/12.

15% [7 mysql-community-client 611 kB/2,292 kB 27%] [5 mecab-ipadic 2,466 kB/12.

16% [7 mysql-community-client 611 kB/2,292 kB 27%] [5 mecab-ipadic 2,772 kB/12.

16% [7 mysql-community-client 611 kB/2,292 kB 27%] [5 mecab-ipadic 3,135 kB/12.

18% [7 mysql-community-client 611 kB/2,292 kB 27%] [5 mecab-ipadic 4,188 kB/12.

21% [7 mysql-community-client 611 kB/2,292 kB 27%] [5 mecab-ipadic 5,954 kB/12.

22% [7 mysql-community-client 611 kB/2,292 kB 27%] [5 mecab-ipadic 6,797 kB/12.

24% [7 mysql-community-client 611 kB/2,292 kB 27%] [5 mecab-ipadic 7,941 kB/12.

25% [7 mysql-community-client 611 kB/2,292 kB 27%] [5 mecab-ipadic 9,072 kB/12.

27% [7 mysql-community-client 611 kB/2,292 kB 27%] [5 mecab-ipadic 10.0 MB/12.1

27% [7 mysql-community-client 611 kB/2,292 kB 27%] [5 mecab-ipadic 10.4 MB/12.1

28% [7 mysql-community-client 611 kB/2,292 kB 27%] [5 mecab-ipadic 11.1 MB/12.1

29% [7 mysql-community-client 611 kB/2,292 kB 27%] [5 mecab-ipadic 11.8 MB/12.1

31% [7 mysql-community-client 611 kB/2,292 kB 27%] [Waiting for headers]

Get:8 http://us.archive.ubuntu.com/ubuntu bionic/universe amd64 mecab-ipadic-utf8 all 2.7.0-20070801+main-1 [3,522 B]

33% [7 mysql-community-client 611 kB/2,292 kB 27%]	2,169 kB/s 18s
37% [Waiting for headers]	2,169 kB/s 17s

Get:9 http://repo.mysql.com/apt/ubuntu bionic/mysql-8.0 amd64 mysql-client amd64 8.0.12-1ubuntu18.04 [75.7 kB]

37% [9 mysql-client 59.1 kB/75.7 kB 78%]	2,169 kB/s 17s
39% [Waiting for headers]	2,169 kB/s 17s

Get:10 http://repo.mysql.com/apt/ubuntu bionic/mysql-8.0 amd64 mysql-community-server-core amd64 8.0.12-1ubuntu18.04 [16.9 MB]

39% [10 mysql-community-server-core 48.6 kB/16.9 MB 0%]	2,169 kB/s 17s
48% [10 mysql-community-server-core 6,246 kB/16.9 MB 37%]	2,169 kB/s 14s
54% [10 mysql-community-server-core 9,896 kB/16.9 MB 58%]	2,169 kB/s 12s
57% [10 mysql-community-server-core 12.1 MB/16.9 MB 71%]	2,169 kB/s 11s
61% [10 mysql-community-server-core 14.6 MB/16.9 MB 86%]	2,169 kB/s 10s
66% [Waiting for headers]	2,169 kB/s 9s

Get:11 http://repo.mysql.com/apt/ubuntu bionic/mysql-8.0 amd64 mysql-community-server amd64 8.0.12-1ubuntu18.04 [21.0 MB]

66% [11 mysql-community-server 1,550 B/21.0 MB 0%]	2,169 kB/s 9s
70% [11 mysql-community-server 3,208 kB/21.0 MB 15%]	2,169 kB/s 8s
77% [11 mysql-community-server 8,021 kB/21.0 MB 38%]	2,169 kB/s 6s
79% [11 mysql-community-server 8,779 kB/21.0 MB 42%]	2,169 kB/s 5s
80% [11 mysql-community-server 9,410 kB/21.0 MB 45%]	2,169 kB/s 5s
81% [11 mysql-community-server 10.6 MB/21.0 MB 51%]	2,169 kB/s 4s
82% [11 mysql-community-server 10.9 MB/21.0 MB 52%]	4,774 kB/s 2s
82% [11 mysql-community-server 11.4 MB/21.0 MB 54%]	4,774 kB/s 2s
83% [11 mysql-community-server 12.1 MB/21.0 MB 57%]	4,774 kB/s 1s
84% [11 mysql-community-server 12.5 MB/21.0 MB 60%]	4,774 kB/s 1s
85% [11 mysql-community-server 12.9 MB/21.0 MB 62%]	4,774 kB/s 1s
85% [11 mysql-community-server 13.2 MB/21.0 MB 63%]	4,774 kB/s 1s
85% [11 mysql-community-server 13.4 MB/21.0 MB 64%]	4,774 kB/s 1s
86% [11 mysql-community-server 13.7 MB/21.0 MB 65%]	4,774 kB/s 1s
87% [11 mysql-community-server 14.4 MB/21.0 MB 69%]	4,774 kB/s 1s
89% [11 mysql-community-server 15.8 MB/21.0 MB 75%]	4,774 kB/s 1s
90% [11 mysql-community-server 16.5 MB/21.0 MB 79%]	4,774 kB/s 0s
91% [11 mysql-community-server 17.4 MB/21.0 MB 83%]	4,774 kB/s 0s
93% [11 mysql-community-server 18.4 MB/21.0 MB 88%]	1,247 kB/s 2s
94% [11 mysql-community-server 19.2 MB/21.0 MB 92%]	1,247 kB/s 1s
96% [11 mysql-community-server 20.8 MB/21.0 MB 99%]	1,247 kB/s 0s
98% [Waiting for headers]	1,247 kB/s 0s

Get:12 http://repo.mysql.com/apt/ubuntu bionic/mysql-8.0 amd64 mysql-server amd64 8.0.12-1ubuntu18.04 [75.7 kB]

98% [12 mysql-server 0 B/75.7 kB 0%]	1,247 kB/s 0s
100% [Working]	1,247 kB/s 0s

Fetches 54.3 MB in 20s (2,743 kB/s)

Preconfiguring packages ...

```
#[?1049h#[22;0;0t#[1;22r#[4l#[?25l#(B#[m#[37m#[40m#[1;22r#[H#[2J#[1;1H#[97m#[45m#[K
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#[K#1;1H#[?25l#[?12l#[?25h#[37mPackage
configuration#[6;3H#[30m#[47m|#[31mConfiguring mysql-community-
server#[30m|#[7;3H| Please provide a strong password that will be
set for the root account |#[97m#[40m #[8;3H#[30m#[47m| of your MySQL database.
Leave it blank to enable password less login |#[97m#[40m #[9;3H#[30m#[47m| using
UNIX socket based authentication. |#[97m#[40m
#[10;3H#[30m#[47m|
|#[97m#[40m #[11;3H#[30m#[47m| Enter root
password: |#[97m#[40m
#[12;3H#[30m#[47m|
|#[97m#[40m #[13;3H#[30m#[47m|
#[37m#[45m|#[30m#[47m
|#[97m#[40m
#[14;3H#[30m#[47m|
|#[97m#[40m #[15;3H#[30m#[47m|
<Ok> |#[97m#[40m
#[16;3H#[30m#[47m|
|#[97m#[40m
#[17;3H#[30m#[47m|#[97m#[
#[18;4H
#[13;5H#[37m#[45m*****#[?25l#[?12l#[?25h#[22;1H#[40m#[B#[m#[39;49m
#[K
#[?1049l#[23;0;0t#[?1049h#[22;0;0t#[1;22r#[4l#[?
25l#[B#[m#[37m#[40m#[1;22r#[H#[2J#[1;1H#[97m#[45m#[K
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#[K#1;1H#[?25l#[?12l#[?25h#[37mPackage
configuration#[6;5H#[30m#[47m|#[31mConfiguring mysql-community-

```

[illegible]

```

<Ok>                                     #[97m#[40m
#[19;2H#[30m#[47m|
|#[97m#[40m
#[20;2H#[30m#[47m|_____|#[97m#[40m
#[21;3H
#[5;4H#[37m#[5;16r#[5;1H#[1M#[1;22r#[16;1H#[97m#[45m #[30m#[47m| software has not
been updated to work with the new authentication          #[97m#[40m
#[45m#[K#[5;4H#[37m#[40m#[5;16r#[5;1H#[1M#[1;22r#[16;1H#[97m#[45m #[30m#[47m| method.
The change will be written to the file                    #[97m#[40m
#[45m#[K#[5;4H#[37m#[40m#[5;16r#[5;1H#[1M#[1;22r#[16;1H#[97m#[45m #[30m#[47m| /etc/
mysql/mysql.conf.d/default-auth-override.cnf             #[97m#[40m
#[45m#[K#[5;4H#[37m#[40m#[5;16r#[5;1H#[1M#[1;22r#[16;1H#[97m#[45m
#[30m#[47m|
#[97m#[40m #[45m#[K#[5;4H#[37m#[40m#[5;16r#[5;1H#[1M#[1;22r#[16;1H#[97m#[45m
#[30m#[47m| After installation, the default can be changed by setting
the                                                         #[97m#[40m
#[45m#[K#[5;4H#[37m#[40m#[5;16r#[5;1H#[1M#[1;22r#[16;1H#[97m#[45m #[30m#[47m|
default_authentication_plugin server setting.              #[97m#[40m
#[45m#[K#[5;4H#[37m#[40m#[5;16r#[5;1H#[1M#[1;22r#[16;1H#[97m#[45m #[30m#[47m|
Connectors and community drivers built with libmysqlclient21 support    #[97m#[40m
#[45m#[K#[5;4H#[37m#[40m#[5;16r#[5;1H#[1M#[1;22r#[16;1H#[97m#[45m #[30m#[47m|
default_authentication_plugin server setting.              #[97m#[40m
#[45m#[K#[5;4H#[37m#[40m#[5;16r#[5;1H#[1M#[1;22r#[16;1H#[97m#[45m #[30m#[47m|
Connectors and community drivers built with libmysqlclient21 support    #[97m#[40m
#[45m#[K#[5;4H#[37m#[40m#[5;16r#[5;1H#[1M#[1;22r#[16;1H#[97m#[45m #[30m#[47m| this new
8 authentication (caching_sha2_password). Currently MySQL 8    #[97m#[40m
#[45m#[K#[5;4H#[37m#[40m#[5;16r#[5;1H#[1M#[1;22r#[16;1H#[97m#[45m #[30m#[47m|
#[5;4H#[37m#[40m#[5;16r#[5;1H#[1M#[1;22r#[16;1H#[97m#[45m #[30m#[47m| plugin requires
new versions of connectors and clients, with support for    #[97m#[40m
#[45m#[K#[5;4H#[37m#[40m#[5;16r#[5;1H#[1M#[1;22r#[16;1H#[97m#[45m #[30m#[47m|
installations use this method going forward. This new authentication  #[97m#[40m
#[45m#[K#[5;4H#[37m#[40m#[5;16r#[5;1H#[1M#[1;22r#[16;1H#[97m#[45m #[30m#[47m| password
methods. It is recommended that all new MySQL Server        #[97m#[40m
#[45m#[K#[5;4H#[37m#[40m#[5;16r#[5;1H#[1M#[1;22r#[16;1H#[97m#[45m #[30m#[47m| MySQL 8
uses a new authentication based on improved SHA256-based     #[97m#[40m
#[45m#[K#[5;4H#[37m#[40m#[5;16r#[5;1H#[1M#[1;22r#[16;1H#[97m#[45m #[30m#[47m|
software has not been updated to work with the new authentication  #[97m#[40m
#[45m#[K#[5;4H#[37m#[40m#[5;16r#[5;1H#[1M#[1;22r#[16;1H#[97m#[45m #[30m#[47m| method.
The change will be written to the file                      #[97m#[40m
#[45m#[K#[5;4H#[37m#[40m#[5;16r#[5;1H#[1M#[1;22r#[16;1H#[97m#[45m #[30m#[47m| /etc/
mysql/mysql.conf.d/default-auth-override.cnf               #[97m#[40m
#[45m#[K#[5;4H#[37m#[40m#[5;16r#[5;1H#[1M#[1;22r#[16;1H#[97m#[45m
#[30m#[47m|
#[97m#[40m #[45m#[K#[5;4H#[37m#[40m#[5;16r#[5;1H#[1M#[1;22r#[16;1H#[97m#[45m
#[30m#[47m| After installation, the default can be changed by setting
the                                                         #[97m#[40m
#[45m#[K#[5;4H#[37m#[40m#[5;16r#[5;1H#[1M#[1;22r#[16;1H#[97m#[45m #[30m#[47m|
default_authentication_plugin server setting.              #[97m#[40m
#[45m#[K#[5;4H#[18;37H#[37m#[41m<Ok>#[18;38H#[30m#[47m<Ok>#[5;4H#[18;37H#[37m#[41m<Ok>#[18;38H#[?
12l#[?25h

```

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#[40m#(B#[m#[39;49m
#[K
#[?1049l#[23;0;0t#[?1049h#[22;0;0t#[1;22r#[4l#[?
25l#(B#[m#[37m#[40m#[1;22r#[H#[2J#[1;1H#[97m#[45m#[K
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#[K#1;1H#[37mPackage configuration#[7;2H#[30m#[47m
#[31mConfiguring mysql-community-server#[30m |#[8;2H| Select
default authentication plugin
#[97m#[40m#[K#[9;2H#[30m#[47m|
#[97m#[40m#[K#[10;2H#[30m#[47m|          #[37m#[41mUse Strong Password Encryption
(RECOMMENDED)          #[30m#[47m
#[97m#[40m#[K#[11;2H#[30m#[47m|          Use Legacy Authentication Method (Retain MySQL
5.x Compatibility)
#[97m#[40m#[K#[12;2H#[30m#[47m|
#[97m#[40m#[K#[13;2H#[30m#[47m|
#[97m#[40m#[K#[14;2H#[30m#[47m|
<Ok>
#[97m#[40m#[K#[15;2H#[30m#[47m|
#[97m#[40m#[K#[16;2H#[30m#[47m|
Strong Password Encryption (RECOMMENDED)          #[11;8H#[37m#[41mUse
Legacy Authentication Method (Retain MySQL 5.x Compatibility) #[11;8H#[AUse Strong
Password Encryption (RECOMMENDED)          #[11;8H#[30m#[47mUse Legacy
Authentication Method (Retain MySQL 5.x Compatibility) #[10;8HUse Strong Password
Encryption (RECOMMENDED)          #[11;8H#[37m#[41mUse Legacy
Authentication Method (Retain MySQL 5.x Compatibility) #[11;8H#[AUse Strong Password
Encryption (RECOMMENDED)          #[11;8H#[30m#[47mUse Legacy
Authentication Method (Retain MySQL 5.x Compatibility) #[10;8HUse Strong Password
Encryption (RECOMMENDED)          #[11;8H#[37m#[41mUse Legacy
Authentication Method (Retain MySQL 5.x Compatibility) #[11;8H#[AUse Strong Password
Encryption (RECOMMENDED)          #[11;8H#[30m#[47mUse Legacy
Authentication Method (Retain MySQL 5.x Compatibility) #[10;8HUse Strong Password
Encryption (RECOMMENDED)          #[11;8H#[37m#[41mUse Legacy
Authentication Method (Retain MySQL 5.x Compatibility) #[11;8H#[?12l#[?
25h#[22;1H#[40m#[B#[m#[39;49m
#[K
#[?1049l#[23;0;0tSelecting previously unselected package mysql-common.
(Reading database ...
(Reading database ... 5%
(Reading database ... 10%
(Reading database ... 15%
(Reading database ... 20%
(Reading database ... 25%
(Reading database ... 30%
(Reading database ... 35%
(Reading database ... 40%
(Reading database ... 45%
(Reading database ... 50%
(Reading database ... 55%
(Reading database ... 60%
(Reading database ... 65%
(Reading database ... 70%
(Reading database ... 75%

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(Reading database ... 80%
(Reading database ... 85%
(Reading database ... 90%
(Reading database ... 95%
(Reading database ... 100%
(Reading database ... 189756 files and directories currently installed.)
Preparing to unpack .../00-mysql-common_8.0.12-1ubuntu18.04_amd64.deb ...
Unpacking mysql-common (8.0.12-1ubuntu18.04) ...
Selecting previously unselected package mysql-community-client-core.
Preparing to unpack .../01-mysql-community-client-core_8.0.12-1ubuntu18.04_amd64.deb ...
Unpacking mysql-community-client-core (8.0.12-1ubuntu18.04) ...
Selecting previously unselected package mysql-community-client.
Preparing to unpack .../02-mysql-community-client_8.0.12-1ubuntu18.04_amd64.deb ...
Unpacking mysql-community-client (8.0.12-1ubuntu18.04) ...
Selecting previously unselected package mysql-client.
Preparing to unpack .../03-mysql-client_8.0.12-1ubuntu18.04_amd64.deb ...
Unpacking mysql-client (8.0.12-1ubuntu18.04) ...
Selecting previously unselected package libaiol:amd64.
Preparing to unpack .../04-libaiol_0.3.110-5_amd64.deb ...
Unpacking libaiol:amd64 (0.3.110-5) ...
Selecting previously unselected package libmecab2:amd64.
Preparing to unpack .../05-libmecab2_0.996-5_amd64.deb ...
Unpacking libmecab2:amd64 (0.996-5) ...
Selecting previously unselected package mysql-community-server-core.
Preparing to unpack .../06-mysql-community-server-core_8.0.12-1ubuntu18.04_amd64.deb ...
Unpacking mysql-community-server-core (8.0.12-1ubuntu18.04) ...
Selecting previously unselected package mysql-community-server.
Preparing to unpack .../07-mysql-community-server_8.0.12-1ubuntu18.04_amd64.deb ...
Unpacking mysql-community-server (8.0.12-1ubuntu18.04) ...
Selecting previously unselected package mecab-utils.
Preparing to unpack .../08-mecab-utils_0.996-5_amd64.deb ...
Unpacking mecab-utils (0.996-5) ...
Selecting previously unselected package mecab-ipadic.
Preparing to unpack .../09-mecab-ipadic_2.7.0-20070801+main-1_all.deb ...
Unpacking mecab-ipadic (2.7.0-20070801+main-1) ...
Selecting previously unselected package mecab-ipadic-utf8.
Preparing to unpack .../10-mecab-ipadic-utf8_2.7.0-20070801+main-1_all.deb ...
Unpacking mecab-ipadic-utf8 (2.7.0-20070801+main-1) ...
Selecting previously unselected package mysql-server.
Preparing to unpack .../11-mysql-server_8.0.12-1ubuntu18.04_amd64.deb ...
Unpacking mysql-server (8.0.12-1ubuntu18.04) ...
Processing triggers for ureadahead (0.100.0-20) ...
ureadahead will be reprofiled on next reboot
Setting up mysql-common (8.0.12-1ubuntu18.04) ...
update-alternatives: using /etc/mysql/my.cnf.fallback to provide /etc/mysql/my.cnf
(my.cnf) in auto mode
Setting up libmecab2:amd64 (0.996-5) ...
Setting up mysql-community-client-core (8.0.12-1ubuntu18.04) ...
Processing triggers for libc-bin (2.27-3ubuntu1) ...
Setting up libaiol:amd64 (0.3.110-5) ...
Processing triggers for systemd (237-3ubuntu10.3) ...
Processing triggers for man-db (2.8.3-2) ...
Setting up mecab-utils (0.996-5) ...
Setting up mysql-community-client (8.0.12-1ubuntu18.04) ...
Setting up mecab-ipadic (2.7.0-20070801+main-1) ...
Compiling IPA dictionary for Mecab. This takes long time...
reading /usr/share/mecab/dic/ipadic/unk.def ... 40
emitting double-array:  9% |###
emitting double-array: 18% |#####
emitting double-array: 27% |#####

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emitting double-array: 36% |#####|
emitting double-array: 45% |#####|
emitting double-array: 54% |#####|
emitting double-array: 63% |#####|
emitting double-array: 72% |#####|
emitting double-array: 81% |#####|
emitting double-array: 90% |#####|
emitting double-array: 100% |#####|
/usr/share/mecab/dic/ipadic/model.def is not found. skipped.
reading /usr/share/mecab/dic/ipadic/Noun.verbal.csv ... 12146
reading /usr/share/mecab/dic/ipadic/Filler.csv ... 19
reading /usr/share/mecab/dic/ipadic/Noun.nai.csv ... 42
reading /usr/share/mecab/dic/ipadic/Noun.name.csv ... 34202
reading /usr/share/mecab/dic/ipadic/Adnominal.csv ... 135
reading /usr/share/mecab/dic/ipadic/Noun.others.csv ... 151
reading /usr/share/mecab/dic/ipadic/Adj.csv ... 27210
reading /usr/share/mecab/dic/ipadic/Verb.csv ... 130750
reading /usr/share/mecab/dic/ipadic/Noun.csv ... 60477
reading /usr/share/mecab/dic/ipadic/Noun.number.csv ... 42
reading /usr/share/mecab/dic/ipadic/Postp.csv ... 146
reading /usr/share/mecab/dic/ipadic/Noun.adjv.csv ... 3328
reading /usr/share/mecab/dic/ipadic/Noun.adverbial.csv ... 795
reading /usr/share/mecab/dic/ipadic/Adverb.csv ... 3032
reading /usr/share/mecab/dic/ipadic/Noun.org.csv ... 16668
reading /usr/share/mecab/dic/ipadic/Noun.proper.csv ... 27327
reading /usr/share/mecab/dic/ipadic/Conjunction.csv ... 171
reading /usr/share/mecab/dic/ipadic/Others.csv ... 2
reading /usr/share/mecab/dic/ipadic/Postp-col.csv ... 91
reading /usr/share/mecab/dic/ipadic/Noun.demonst.csv ... 120
reading /usr/share/mecab/dic/ipadic/Interjection.csv ... 252
reading /usr/share/mecab/dic/ipadic/Auxil.csv ... 199
reading /usr/share/mecab/dic/ipadic/Prefix.csv ... 221
reading /usr/share/mecab/dic/ipadic/Suffix.csv ... 1393
reading /usr/share/mecab/dic/ipadic/Noun.place.csv ... 72999
reading /usr/share/mecab/dic/ipadic/Symbol.csv ... 208
emitting double-array: 0% |
emitting double-array: 1% |
emitting double-array: 2% |
emitting double-array: 3% |#
emitting double-array: 4% |#
emitting double-array: 5% |##
emitting double-array: 6% |##
emitting double-array: 7% |###
emitting double-array: 8% |###
emitting double-array: 9% |###
emitting double-array: 10% |####
emitting double-array: 11% |####
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emitting double-array: 22% |####
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emitting double-array: 24% |####
emitting double-array: 25% |####
emitting double-array: 26% |####
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emitting double-array:	27%	#####	
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emitting double-array:	67%	#####	
emitting double-array:	68%	#####	
emitting double-array:	69%	#####	
emitting double-array:	70%	#####	
emitting double-array:	71%	#####	
emitting double-array:	72%	#####	
emitting double-array:	73%	#####	
emitting double-array:	74%	#####	
emitting double-array:	75%	#####	
emitting double-array:	76%	#####	
emitting double-array:	77%	#####	
emitting double-array:	78%	#####	
emitting double-array:	79%	#####	
emitting double-array:	80%	#####	
emitting double-array:	81%	#####	
emitting double-array:	82%	#####	
emitting double-array:	83%	#####	
emitting double-array:	84%	#####	
emitting double-array:	85%	#####	
emitting double-array:	86%	#####	
emitting double-array:	87%	#####	
emitting double-array:	88%	#####	

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emitting double-array: 89% |#####|
emitting double-array: 90% |#####|
emitting double-array: 91% |#####|
emitting double-array: 92% |#####|
emitting double-array: 93% |#####|
emitting double-array: 94% |#####|
emitting double-array: 95% |#####|
emitting double-array: 96% |#####|
emitting double-array: 97% |#####|
emitting double-array: 98% |#####|
emitting double-array: 99% |#####|
emitting double-array: 100% |#####|
reading /usr/share/mecab/dic/ipadic/matrix.def ... 1316x1316
emitting matrix      : 0% |
emitting matrix      : 1% |
emitting matrix      : 2% |
emitting matrix      : 3% |#
emitting matrix      : 4% |#
emitting matrix      : 5% |##
emitting matrix      : 6% |##
emitting matrix      : 7% |###
emitting matrix      : 8% |###
emitting matrix      : 9% |###
emitting matrix      : 10% |####
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emitting matrix      : 48% |#####
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emitting matrix      : 49% |#####|
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emitting matrix      : 96% |#####|
emitting matrix      : 97% |#####|
emitting matrix      : 98% |#####|
emitting matrix      : 99% |#####|
emitting matrix      : 100% |#####|
```

done!

update-alternatives: using /var/lib/mecab/dic/ipadic to provide /var/lib/mecab/dic/debian (mecab-dictionary) in auto mode

Setting up mysql-client (8.0.12-1ubuntu18.04) ...

Setting up mysql-community-server-core (8.0.12-1ubuntu18.04) ...

Setting up mecab-ipadic-utf8 (2.7.0-20070801+main-1) ...

Compiling IPA dictionary for Mecab. This takes long time...

reading /usr/share/mecab/dic/ipadic/unk.def ... 40

emitting double-array: 9% |###|

```

emitting double-array: 18% |#####
emitting double-array: 27% |#####
emitting double-array: 36% |#####
emitting double-array: 45% |#####
emitting double-array: 54% |#####
emitting double-array: 63% |#####
emitting double-array: 72% |#####
emitting double-array: 81% |#####
emitting double-array: 90% |#####
emitting double-array: 100% |#####
/usr/share/mecab/dic/ipadic/model.def is not found. skipped.
reading /usr/share/mecab/dic/ipadic/Noun.verbal.csv ... 12146
reading /usr/share/mecab/dic/ipadic/Filler.csv ... 19
reading /usr/share/mecab/dic/ipadic/Noun.nai.csv ... 42
reading /usr/share/mecab/dic/ipadic/Noun.name.csv ... 34202
reading /usr/share/mecab/dic/ipadic/Adnominal.csv ... 135
reading /usr/share/mecab/dic/ipadic/Noun.others.csv ... 151
reading /usr/share/mecab/dic/ipadic/Adj.csv ... 27210
reading /usr/share/mecab/dic/ipadic/Verb.csv ... 130750
reading /usr/share/mecab/dic/ipadic/Noun.csv ... 60477
reading /usr/share/mecab/dic/ipadic/Noun.number.csv ... 42
reading /usr/share/mecab/dic/ipadic/Postp.csv ... 146
reading /usr/share/mecab/dic/ipadic/Noun.adjv.csv ... 3328
reading /usr/share/mecab/dic/ipadic/Noun.adverbial.csv ... 795
reading /usr/share/mecab/dic/ipadic/Adverb.csv ... 3032
reading /usr/share/mecab/dic/ipadic/Noun.org.csv ... 16668
reading /usr/share/mecab/dic/ipadic/Noun.proper.csv ... 27327
reading /usr/share/mecab/dic/ipadic/Conjunction.csv ... 171
reading /usr/share/mecab/dic/ipadic/Others.csv ... 2
reading /usr/share/mecab/dic/ipadic/Postp-col.csv ... 91
reading /usr/share/mecab/dic/ipadic/Noun.demonst.csv ... 120
reading /usr/share/mecab/dic/ipadic/Interjection.csv ... 252
reading /usr/share/mecab/dic/ipadic/Auxil.csv ... 199
reading /usr/share/mecab/dic/ipadic/Prefix.csv ... 221
reading /usr/share/mecab/dic/ipadic/Suffix.csv ... 1393
reading /usr/share/mecab/dic/ipadic/Noun.place.csv ... 72999
reading /usr/share/mecab/dic/ipadic/Symbol.csv ... 208
emitting double-array: 0% |
emitting double-array: 1% |
emitting double-array: 2% |
emitting double-array: 3% |#
emitting double-array: 4% |#
emitting double-array: 5% |##
emitting double-array: 6% |##
emitting double-array: 7% |###
emitting double-array: 8% |###
emitting double-array: 9% |###
emitting double-array: 10% |####
emitting double-array: 11% |####
emitting double-array: 12% |####
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emitting double-array: 14% |#####
emitting double-array: 15% |#####
emitting double-array: 16% |#####
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emitting double-array: 20% |#####
emitting double-array: 21% |#####
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emitting double-array: 24% |#####

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emitting double-array: 25% |#####|
emitting double-array: 26% |#####|
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emitting double-array: 29% |#####|
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emitting double-array: 75% |#####|
emitting double-array: 76% |#####|
emitting double-array: 77% |#####|
emitting double-array: 78% |#####|
emitting double-array: 79% |#####|
emitting double-array: 80% |#####|
emitting double-array: 81% |#####|
emitting double-array: 82% |#####|
emitting double-array: 83% |#####|
emitting double-array: 84% |#####|
emitting double-array: 85% |#####|
emitting double-array: 86% |#####|
```

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emitting double-array: 87% |#####|
emitting double-array: 88% |#####|
emitting double-array: 89% |#####|
emitting double-array: 90% |#####|
emitting double-array: 91% |#####|
emitting double-array: 92% |#####|
emitting double-array: 93% |#####|
emitting double-array: 94% |#####|
emitting double-array: 95% |#####|
emitting double-array: 96% |#####|
emitting double-array: 97% |#####|
emitting double-array: 98% |#####|
emitting double-array: 99% |#####|
emitting double-array: 100% |#####|
reading /usr/share/mecab/dic/ipadic/matrix.def ... 1316x1316
emitting matrix      : 0% |
emitting matrix      : 1% |
emitting matrix      : 2% |
emitting matrix      : 3% |#
emitting matrix      : 4% |#
emitting matrix      : 5% |##
emitting matrix      : 6% |##
emitting matrix      : 7% |###
emitting matrix      : 8% |###
emitting matrix      : 9% |###
emitting matrix      : 10% |####
emitting matrix      : 11% |####
emitting matrix      : 12% |#####
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emitting matrix : 47% |#####|
emitting matrix : 48% |#####|
emitting matrix : 49% |#####|
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emitting matrix : 88% |#####|
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emitting matrix : 90% |#####|
emitting matrix : 91% |#####|
emitting matrix : 92% |#####|
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emitting matrix : 94% |#####|
emitting matrix : 95% |#####|
emitting matrix : 96% |#####|
emitting matrix : 97% |#####|
emitting matrix : 98% |#####|
emitting matrix : 99% |#####|
emitting matrix : 100% |#####|
```

done!

update-alternatives: using /var/lib/mecab/dic/ipadic-utf8 to provide /var/lib/mecab/dic/debian (mecab-dictionary) in auto mode

Setting up mysql-community-server (8.0.12-1ubuntu18.04) ...

update-alternatives: using /etc/mysql/mysql.cnf to provide /etc/mysql/my.cnf (my.cnf) in auto mode

Created symlink /etc/systemd/system/multi-user.target.wants/mysql.service → /lib/

```

systemd/system/mysql.service.
Setting up mysql-server (8.0.12-1ubuntu18.04) ...
Processing triggers for libc-bin (2.27-3ubuntu1) ...
Processing triggers for ureadahead (0.100.0-20) ...
Processing triggers for systemd (237-3ubuntu10.3) ...
#]0;prasad@prasad-pc: ~##[01;32mprasad@prasad-pc#[00m:#[01;34m~#[00m$ mysql
ERROR 1045 (28000): Access denied for user 'prasad'@'localhost' (using password: NO)
##]0;prasad@prasad-pc: ~##[01;32mprasad@prasad-pc#[00m:#[01;34m~#[00m$ sudo##[K##[Kudo
service mysql status
[sudo] password for prasad:
#[?lh#=#
#[0;1;32m●#[0m mysql.service - MySQL Community Server#[m
  Loaded: loaded (/lib/systemd/system/mysql.service; enabled; vendor preset: en#[m
  Active: #[0;1;32mactive (running)#[0m since Thu 2018-10-04 14:57:43 EDT; 42min
ago#[m
    Docs: man:mysqld(8)#[m
           http://dev.mysql.com/doc/refman/en/using-systemd.html#[m
  Main PID: 5167 (mysqld)#[m
    Status: "SERVER_OPERATING"#[m
    Tasks: 37 (limit: 4915)#[m
    CGroup: /system.slice/mysql.service#[m
            └─5167 /usr/sbin/mysqld#[m

#[m
Oct 04 14:57:43 prasad-pc systemd[1]: Starting MySQL Community Server...#[m
Oct 04 14:57:43 prasad-pc systemd[1]: Started MySQL Community Server.#[m
#[7mlines 1-13/13 (END)#[27m#[K
#[Kmark:
#[K#[7mlines 1-13/13 (END)#[27m#[K
#[K-
#[Klog file: #[Kq#q#[Kl#l#[K #
#[K
#[K#[7mlines 1-13/13 (END)#[27m#[K#
#[K#[7mlines 1-13/13 (END)#[27m#[K
#[K #[KESC###ESC#[K0#0#[KB#B
#[K#
#[K#[7mlines 1-13/13 (END)#[27m#[K
#[K #[KESC###ESC#[K0#0#[KB#B
#[K#
#[K#[7mlines 1-13/13 (END)#[27m#[K
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#[K#[7mlines 1-13/13 (END)#[27m#[K
#[K#
#[K#[7mlines 1-13/13 (END)#[27m#[K
#[K#
#[K#[7mlines 1-13/13 (END)#[27m#[K...skipping...
#[0;1;32m●#[0m mysql.service - MySQL Community Server#[m
  Loaded: loaded (/lib/systemd/system/mysql.service; enabled; vendor preset:
enabled)#[m
  Active: #[0;1;32mactive (running)#[0m since Thu 2018-10-04 14:57:43 EDT; 42min
ago#[m
    Docs: man:mysqld(8)#[m
           http://dev.mysql.com/doc/refman/en/using-systemd.html#[m
  Main PID: 5167 (mysqld)#[m
    Status: "SERVER_OPERATING"#[m

```



[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]



[illegible]



[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

```
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#[lm~#[0m
#[7mlines 1-13/13 (END)#[27m#[K
#KEExamine: #[KX#X##[KI#I#[KR#R#[KT#T###[K##[K##[K##[K
#[K#[7mlines 1-13/13 (END)#[27m#[K
#[KEExamine: #[KX#X##[K#[KE#E#[KX#X#[KI#I#[KT#T
#[K
#[K#[7mEXIT: No such file or directory (press RETURN)#[27m#[53;1H#[K...skipping...
#[0;1;32m●#[0m mysql.service - MySQL Community Server#[m
Loaded: loaded (/lib/systemd/system/mysql.service; enabled; vendor preset:
enabled)#[m
Active: #[0;1;32mactive (running)#[0m since Thu 2018-10-04 14:57:43 EDT; 42min
ago#[m
Docs: man:mysql(8)#[m
http://dev.mysql.com/doc/refman/en/using-systemd.html#[m
Main PID: 5167 (mysqld)#[m
Status: "SERVER_OPERATING"#[m
Tasks: 37 (limit: 4915)#[m
CGroup: /system.slice/mysql.service#[m
└─5167 /usr/sbin/mysqld#[m
#[m
Oct 04 14:57:43 prasad-pc systemd[1]: Starting MySQL Community Server...#[m
Oct 04 14:57:43 prasad-pc systemd[1]: Started MySQL Community Server.#[m
#[lm~#[0m
#[lm~#[0m
#[lm~#[0m
#[lm~#[0m
#[lm~#[0m
#[lm~#[0m
#[lm~#[0m
#[lm~#[0m
```



```
#[1m~#[0m
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#[7mlines 1-13/13 (END)#[27m#[K
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#[K#[7mlines 1-13/13 (END)#[27m#[K
#[K:#[Kl#l#[K3#3
#[K#
#[K#[7mlines 1-13/13 (END)#[27m#[K#
#[K#[7mlines 1-13/13 (END)#[27m#[K#
#[K#[7mlines 1-13/13 (END)#[27m#[K
#[K #[KESC###ESC#[KO#O#[KB#B
#[K#
#[K#[7mlines 1-13/13 (END)#[27m#[K
#[K #[KESC###ESC#[KO#O#[KB#B
#[K#
#[K#[7mlines 1-13/13 (END)#[27m#[K
#[K #[KESC###ESC#[KO#O#[KD#D#[H#[2J#[H#[H#[2J#[H#[0;1;32m●#[0m mysql.service - MySQL
Community Server#[m
    Loaded: loaded (/lib/systemd/system/mysql.service; enabled; vendor preset:
enabled)#[m
    Active: #[0;1;32mactive (running)#[0m since Thu 2018-10-04 14:57:43 EDT; 42min
ago#[m
        Docs: man:mysql(8)#[m
            http://dev.mysql.com/doc/refman/en/using-systemd.html#[m
Main PID: 5167 (mysqld)#[m
Status: "SERVER_OPERATING"#[m
Tasks: 37 (limit: 4915)#[m
CGroup: /system.slice/mysql.service#[m
└─5167 /usr/sbin/mysqld#[m
#[m
Oct 04 14:57:43 prasad-pc systemd[1]: Starting MySQL Community Server...#[m
Oct 04 14:57:43 prasad-pc systemd[1]: Started MySQL Community Server.#[m
#[1m~#[0m
```

[illegible]

[illegible]

```
#[1m~#[0m
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#[1m~#[0m
#[7mlines 1-13/13 (END)#[27m#[K
#[K#
#[K#[7mlines 1-13/13 (END)#[27m#[K
#[K#
#[K#[7mlines 1-13/13 (END)#[27m#[K
#[K#
#[K#[7mlines 1-13/13 (END)#[27m#[K
#[K#
#[K#[7mlines 1-13/13 (END)#[27m#[K#
#[K#[7mlines 1-13/13 (END)#[27m#[K
#[K...skipping...
#[0;1;32m●#[0m mysql.service - MySQL Community Server#[m
    Loaded: loaded (/lib/systemd/system/mysql.service; enabled; vendor preset:
enabled)#[m
    Active: #[0;1;32mactive (running)#[0m since Thu 2018-10-04 14:57:43 EDT; 42min
ago#[m
        Docs: man:mysql(8)#[m
             http://dev.mysql.com/doc/refman/en/using-systemd.html#[m
Main PID: 5167 (mysqld)#[m
Status: "SERVER_OPERATING"#[m
Tasks: 37 (limit: 4915)#[m
CGroup: /system.slice/mysql.service#[m
└─5167 /usr/sbin/mysqld#[m
#[m
Oct 04 14:57:43 prasad-pc systemd[1]: Starting MySQL Community Server...#[m
Oct 04 14:57:43 prasad-pc systemd[1]: Started MySQL Community Server.#[m
```

```
*****
Logs: Create MYSQL User and grant root level rights
*****
Script started on 2018-10-08 00:16:00-0400
#]0;prasad@prasad-pc: ~##[01;32mprasad@prasad-pc#[00m:#[01;34m~#[00m$ sudo mysql
prasad
narayan#####K#####[6Pmysql####timedatectl#####[6Pmysql####sudo
```

```
mysql> f##[K#show users;
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 'users' at
line 1
#mysql> show users;##;#K#
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 'user' at
line 1
#mysql> show user;##;#K##;#K##;#K##;#K#d;#a;#t;#a;#b;#a;#s;#e;#s;#
+-----+
| Database |
+-----+
| information schema |
```

```
| mysql
| performance_schema
| sys
+-----+
4 rows in set (0.00 sec)
```

```
mysql> CREA##[KTE USER 'prasad@###ad'##@'localhost' IDENTIFIED BY 'narayan';
Query OK, 0 rows affected (0.02 sec)
```

```
mysql> GRANT ALL PRIVILEGES ON *.* TO 'prasad'@'localhost' WITH GRANT OPTION;
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
'PRIVILEGES ON *.* TO 'prasad'@'localhost' WITH GRANT OPTION' at line 1
#mysql> GRANT ALL PRIVILEGES ON *.* TO 'prasad'@'localhost' WITH GRANT
OPTION;#####D##[PG#
Query OK, 0 rows affected (0.08 sec)
```

```
mysql> GRANT ALL PRIVILEGES ON *.* TO 'prasad'@'localhost' WITH GRANT
OPTION;#[8G#[KMYSQL -p
-> narayan
-> ;
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 'MYSQL -p
narayan' at line 1
#mysql> MYSQL -p narayan;
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 'MYSQL -p
narayan' at line 1
#mysql> MYSQL -p narayan;###[K###[K###[K###[K###[K###[K###[K###[K#
-> narayan
-> ;
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 'MYSQL -p
narayan' at line 1
#mysql> mysql -p###[K###[K###[K###[K###[K#####QUIT;
Bye
#]0;prasad@prasad-pc: ~##[01;32mprasad@prasad-pc#[00m:#[01;34m~#[00m$ mysql -p
Enter password:
Welcome to the MySQL monitor. Commands end with ; or \g.
Your MySQL connection id is 12
Server version: 8.0.12 MySQL Community Server - GPL

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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> SHOW DATABASES;
+-----+
| Database
+-----+
| information_schema
| mysql
| performance_schema
| sys
+-----+
4 rows in set (0.00 sec)
```

```
mysql> MY##[K##[Kmysql -u prasad < my###sqlsampledatabase.sql
```

```

-> ;
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 'mysql -u
prasad < mysqlsampledatabase.sql' at line 1
#mysql> ;#mysql -u prasad < mysqlsampledatabase.sql;
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 'mysql -u
prasad < mysqlsampledatabase.sql' at line 1
#mysql> mysql -u prasad < mysqlsampledatabase.sql;#[8G###[50G#[8G#[KQUIT;
Bye
#]0;prasad@prasad-pc: ~##[01;32mprasad@prasad-pc#[00m:#[01;34m~#[00m$ mysql -u
prasad ,##[K< my#mysqlsampledatabase.sql ##[K
ERROR 1045 (28000): Access denied for user 'prasad'@'localhost' (using password: NO)
#]0;prasad@prasad-pc: ~##[01;32mprasad@prasad-pc#[00m:#[01;34m~#[00m$ mysql -u prasad
< mysqlsampledatabase.sql#####[C#[C#[l@
##[l@r#[l@o#[l@o#[l@t
ERROR 1045 (28000): Access denied for user 'root'@'localhost' (using password: NO)
#]0;prasad@prasad-pc: ~##[01;32mprasad@prasad-pc#[00m:#[01;34m~#[00m$ mysql -u root
prasad < mysqlsampledatabase.sql#####[C#[C#[l@ ##[l@-
#[l@p
Enter password:
ERROR 1045 (28000): Access denied for user 'root'@'localhost' (using password: YES)
#]0;prasad@prasad-pc: ~##[01;32mprasad@prasad-pc#[00m:#[01;34m~#[00m$ mysql -u root -
p prasad < mysqlsampledatabase.sql
Enter password:
ERROR 1049 (42000): Unknown database 'prasad'
#]0;prasad@prasad-pc: ~##[01;32mprasad@prasad-pc#[00m:#[01;34m~#[00m$ mysql -u root -
p prasad <
mysqlsampledatabase.sql#####[1P##[1P#[1P###[1P##[1P##[1P##[1P#[1P#
ERROR 1045 (28000): Access denied for user 'prasad'@'localhost' (using password: NO)
#]0;prasad@prasad-pc: ~##[01;32mprasad@prasad-pc#[00m:#[01;34m~#[00m$ myss##[Kql -u
root -p
Enter password:
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 18
Server version: 8.0.12 MySQL Community Server - GPL

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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> select User, Host, Password from mysql.user;
ERROR 1054 (42S22): Unknown column 'Password' in 'field list'

mysql> select User, Host, Passwork##[K##[K##[K##[K##[K##[K##[Kpassword from
##[K##[K##[K##[KFROM mysql.user;
ERROR 1054 (42S22): Unknown column 'password' in 'field list'
#mysql> select * from mysql.user;#####r###[8GQUIT;#[K#[8Gselect * from
mysql.user;#####P ##[Pf####[P ###[P ###[P ###[P ###[P
#####Pf##[Pr##[Po##[Pm##[P
##[Pm##[Py##[Ps##[Pq##[Pl##[P.##[Pu#ser;#[K####r;#[K###;#[K##[K####QUIT;#[8Gselect
* from mysql.user;#[8G#[Kselect User, Host, password FROM
mysql.user;#####Pa##[l@Pa#
ERROR 1054 (42S22): Unknown column 'Password' in 'field list'
#mysql> select * from mysql.user;#[8G#[Kselect User, Host, password FROM
mysql.user;#####P ###[P ###[P ###[P ###[P ###[P ###[P ###[P
##[PF####[P #
+-----+-----+

```



User	Host
mysql.infoschema	localhost
mysql.session	localhost
mysql.sys	localhost
prasad	localhost
root	localhost

5 rows in set (0.00 sec)

mysql> describe user;

ERROR 1046 (3D000): No database selected

#mysql> describe user;#####[l@mu##[l@yu##[l@su##[l@qu##[l@lu##[l@.u#

Field	Type	Null	Key
Default	Extra		
Host	char(60)	NO	PRI
User	char(32)	NO	PRI
Select_priv	enum('N','Y')	NO	
N Insert_priv	enum('N','Y')	NO	
N Update_priv	enum('N','Y')	NO	
N Delete_priv	enum('N','Y')	NO	
N Create_priv	enum('N','Y')	NO	
N Drop_priv	enum('N','Y')	NO	
N Reload_priv	enum('N','Y')	NO	
N Shutdown_priv	enum('N','Y')	NO	
N Process_priv	enum('N','Y')	NO	
N File_priv	enum('N','Y')	NO	
N Grant_priv	enum('N','Y')	NO	
N References_priv	enum('N','Y')	NO	
N Index_priv	enum('N','Y')	NO	
N Alter_priv	enum('N','Y')	NO	
N Show_db_priv	enum('N','Y')	NO	
N Super_priv	enum('N','Y')	NO	
N Create_tmp_table_priv	enum('N','Y')	NO	
N Lock_tables_priv	enum('N','Y')	NO	
N Execute_priv	enum('N','Y')	NO	
N Repl_slave_priv	enum('N','Y')	NO	

N	Repl_client_priv	enum('N','Y')	NO
N	Create_view_priv	enum('N','Y')	NO
N	Show_view_priv	enum('N','Y')	NO
N	Create_routine_priv	enum('N','Y')	NO
N	Alter_routine_priv	enum('N','Y')	NO
N	Create_user_priv	enum('N','Y')	NO
N	Event_priv	enum('N','Y')	NO
N	Trigger_priv	enum('N','Y')	NO
N	Create_tablespace_priv	enum('N','Y')	NO
N	ssl_type	enum('', 'ANY', 'X509', 'SPECIFIED')	NO
	ssl_cipher	blob	NO
NULL	x509_issuer	blob	NO
NULL	x509_subject	blob	NO
0	max_questions	int(11) unsigned	NO
0	max_updates	int(11) unsigned	NO
0	max_connections	int(11) unsigned	NO
0	max_user_connections	int(11) unsigned	NO
	plugin	char(64)	NO
	caching_sha2_password		
NULL	authentication_string	text	YES
N	password_expired	enum('N','Y')	NO
NULL	password_last_changed	timestamp	YES
NULL	password_lifetime	smallint(5) unsigned	YES
N	account_locked	enum('N','Y')	NO
N	Create_role_priv	enum('N','Y')	NO
N	Drop_role_priv	enum('N','Y')	NO
NULL	Password_reuse_history	smallint(5) unsigned	YES
NULL	Password_reuse_time	smallint(5) unsigned	YES

[illegible]

```
mysql> mysql> describe
```

```
mysql.user;#####be#[2G#####Pu###[Pu###[Pu###[Pu###[Pu###[Pu###[Pu###[Pu###[1@su##[
u#uuser;#[22G#[1@su##[1@eu##[1@ru##[1@,u##[1@
```

```

u##[l@hu##[l@ou##[l@su##[l@tu##[l@,u###[Pu##[l@ u#
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
'descriselect user, host user' at line 1
#mysql> descriselect user, host
user;#####[Ps###[Ps###[Ps##[Pe####[Ps###[Ps#
ERROR 1054 (42S22): Unknown column 'user' in 'field list'
#mysql> select user, host user;#####[Ps##[l@Us#ser, h##[Po##[l@Ho#
ERROR 1054 (42S22): Unknown column 'User' in 'field list'
#mysql> select User, Host user;###er#r#####l@fu##[l@ru##[l@ou##[l@mu##[l@
u##[l@mu##[l@yu##[l@su##[l@qu##[l@lu##[l@.u#
+-----+-----+
| User          | Host          |
+-----+-----+
| mysql.infoschema | localhost    |
| mysql.session   | localhost    |
| mysql.sys       | localhost    |
| prasad         | localhost    |
| root           | localhost    |
+-----+-----+
5 rows in set (0.01 sec)

mysql> quit;
Bye
#]0;prasad@prasad-pc: ~##[01;32mprasad@prasad-pc#[00m:#[01;34m~#[00m$ wx##[K##[Kexit
exit

```

```
*****
Install Retail Sample Database and the Queries
*****
```

```
#[3J#[H#[2J#]0;prasad@prasad-pc: ~##[01;32mprasad@prasad-pc#[00m:#[01;34m~#[00m$
clear#####mysql -u prasad -p < mysqlsampledatabase.sql
Enter password:
#]0;prasad@prasad-pc: ~##[01;32mprasad@prasad-pc#[00m:#[01;34m~#[00m$ mysql##[Kql -p
Enter password:
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 25
Server version: 8.0.12 MySQL Community Server - GPL
```

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

```
mysql> show##[K##[K##[K##[K#use databases;
ERROR 1049 (42000): Unknown database 'databases'
```

```
#mysql> use databases;#####P ###[P ###[P ###[1@s ##[1@h ##[1@o ##[1@w #
+-----+
| Database |
+-----+
| classicmodels |
| information_schema |
| mysql |
| performance_schema |
| sys |
+-----+
5 rows in set (0.01 sec)

mysql> use classicmodels
Reading table information for completion of table and column names
You can turn off this feature to get a quicker startup with -A

Database changed
mysql> exit
Bye
#]0;prasad@prasad-pc: ~##[01;32mprasad@prasad-pc#[00m:#[01;34m~#[00m$ exit
exit
```

```
*****
Queries
*****
1.Count the number of employees whose last name or first name starts with the letter 'P'.
```

```
mysql> select count(*) from employees where lower(firstname) like 'p%' or
lower(lastname) like 'p%';
+-----+
| count(*) |
+-----+
|          5 |
+-----+
1 row in set (0.00 sec)
```

2. For how many letters of the alphabet are there more than one employee whose last name starts with that letter? Hint: The substr function will be useful here in a GROUP BY clause.

```
mysql> select Name_Starts_with, count_no
-> from (select substr(lastname,1,1) as Name_Starts_with,count(lastname) as
count_no
-> from employees
-> where lower(lastname) like 'a%'
-> or lower(lastname) like 'b%'
-> or lower(lastname) like 'c%'
-> or lower(lastname) like 'd%'
```

```

-> or lower(lastname) like 'e%'
-> or lower(lastname) like 'f%'
-> or lower(lastname) like 'g%'
-> or lower(lastname) like 'h%'
-> or lower(lastname) like 'i%'
-> or lower(lastname) like 'j%'
-> or lower(lastname) like 'k%'
-> or lower(lastname) like 'l%'
-> or lower(lastname) like 'm%'
-> or lower(lastname) like 'n%'
-> or lower(lastname) like 'o%'
-> or lower(lastname) like 'p%'
-> or lower(lastname) like 'q%'
-> or lower(lastname) like 'r%'
-> or lower(lastname) like 's%'
-> or lower(lastname) like 't%'
-> or lower(lastname) like 'u%'
-> or lower(lastname) like 'v%'
-> or lower(lastname) like 'w%'
-> or lower(lastname) like 'x%'
-> or lower(lastname) like 'y%'
-> or lower(lastname) like 'z%'
-> group by Name_Starts_with order by Name_Starts_with) as tbl1
-> where count_no>1;

```

```

+-----+
| Name_Starts_with | count_no |
+-----+
| B                |         4 |
| F                |         3 |
| J                |         2 |
| K                |         2 |
| M                |         2 |
| P                |         3 |
| T                |         2 |
+-----+
7 rows in set (0.00 sec)

```

3.How many orders have not yet shipped?

ans:

PS: I am not counting the 'Cancelled' orders

```
mysql> select status,count(*) from orders where status in ('In Process','On Hold')
group by status;
```

```

+-----+
| status      | count(*) |
+-----+
| On Hold     |         4 |
| In Process  |         6 |
+-----+
2 rows in set (0.00 sec)

```

4.How many orders where shipped less than 2 days before they were required?

ans: I am trying to find out date difference for all the orders which were shipped at some point of time.

```
mysql> select count(*) from orders where status not in ('In Process','On
Hold','Cancelled') and DATEDIFF(requiredDate,shippedDate)<2;
```

```
+-----+
| count(*) |
+-----+
|      25 |
+-----+
1 row in set (0.00 sec)
```

5. For each distinct product line, what is the total dollar value of orders placed?

ans:

```
mysql> select productLine, count(priceEach) as "total dollar value" from products
p,orderdetails od where p.productCode = od.productCode group by productLine;
```

```
+-----+-----+
| productLine | total dollar value |
+-----+-----+
| Classic Cars |          1010 |
| Motorcycles |           359 |
| Planes |           336 |
| Ships |           245 |
| Trains |            81 |
| Trucks and Buses |          308 |
| Vintage Cars |           657 |
+-----+-----+
7 rows in set (0.02 sec)
```

6. For the first three customers in alphabetical order by name, what is the name of every product they have ordered?

```
mysql> select c.customerName, p.productName
from customers as c
join orders as o on c.customerNumber = o.customerNumber
join orderdetails as od on o.orderNumber = od.orderNumber
join products as p on od.productCode = p.productCode
where customerName in (select * from (select customerName from customers order by
customerName limit 3) as t1);
```

```
+-----+-----+
| customerName | productName |
+-----+-----+
| Alpha Cognac | 1993 Mazda RX-7 |
| Alpha Cognac | 1995 Honda Civic |
| Alpha Cognac | 1992 Ferrari 360 Spider red |
| Alpha Cognac | 1972 Alfa Romeo GTA |
| Alpha Cognac | 1980s Black Hawk Helicopter |
| Alpha Cognac | 1999 Yamaha Speed Boat |
| Alpha Cognac | 1941 Chevrolet Special Deluxe Cabriolet |
| Alpha Cognac | 1900s Vintage Bi-Plane |
| Alpha Cognac | 1937 Horch 930V Limousine |
| Alpha Cognac | 1940 Ford Delivery Sedan |
| Alpha Cognac | Corsair F4U ( Bird Cage) |
| Alpha Cognac | HMS Bounty |
| Alpha Cognac | America West Airlines B757-200 |
| Alpha Cognac | American Airlines: MD-11S |
| Alpha Cognac | Boeing X-32A JSF |
| Alpha Cognac | The Mayflower |
| Alpha Cognac | The USS Constitution Ship |
| Alpha Cognac | The Titanic |
| Alpha Cognac | The Queen Mary |
| Alpha Cognac | Pont Yacht |
| Amica Models & Co. | 1952 Alpine Renault 1300 |
| Amica Models & Co. | 1940 Ford Pickup Truck |
+-----+-----+
```

Amica Models & Co.	1937 Lincoln Berline
Amica Models & Co.	1936 Mercedes-Benz 500K Special Roadster
Amica Models & Co.	1917 Grand Touring Sedan
Amica Models & Co.	1911 Ford Town Car
Amica Models & Co.	1932 Model A Ford J-Coupe
Amica Models & Co.	1928 Mercedes-Benz SSK
Amica Models & Co.	1913 Ford Model T Speedster
Amica Models & Co.	1934 Ford V8 Coupe
Amica Models & Co.	18th Century Vintage Horse Carriage
Amica Models & Co.	1917 Maxwell Touring Car
Amica Models & Co.	1932 Alfa Romeo 8C2300 Spider Sport
Amica Models & Co.	1939 Chevrolet Deluxe Coupe
Amica Models & Co.	1938 Cadillac V-16 Presidential Limousine
Amica Models & Co.	1936 Mercedes Benz 500k Roadster
Amica Models & Co.	1936 Chrysler Airflow
Amica Models & Co.	2001 Ferrari Enzo
Amica Models & Co.	1969 Corvair Monza
Amica Models & Co.	1969 Ford Falcon
Amica Models & Co.	1903 Ford Model A
Amica Models & Co.	Collectable Wooden Train
Amica Models & Co.	1904 Buick Runabout
Amica Models & Co.	18th century schooner
Amica Models & Co.	The Mayflower
Amica Models & Co.	Pont Yacht

-----+  
46 rows in set (0.00 sec)



```
*****
Mysql connector installation (I forgot to log the installation for the first time,
but here is what I did to upgrade it to latest version)
*****
```

```
prasad@prasad-pc:~$ pip install mysql-connector-python
Collecting mysql-connector-python
  Downloading https://files.pythonhosted.org/packages/38/
d6/01a439bafdb2dcb79b80a0b3d03fd6a718fb822b1e7986763fbdd80704a3/
mysql_connector_python-8.0.12-cp36-cp36m-manylinux1_x86_64.whl (8.2MB)
100% |████████████████████████████████████████| 8.2MB 2.0MB/s
Collecting protobuf<=3.0.0 (from mysql-connector-python)
  Downloading https://files.pythonhosted.org/packages/c2/
f9/28787754923612ca9bdfdfc588daa05580ed70698add063a5629d1a4209d/protobuf-3.6.1-cp36-
cp36m-manylinux1_x86_64.whl (1.1MB)
100% |████████████████████████████████████████| 1.1MB 4.9MB/s
Requirement already satisfied: six>=1.9 in ./anaconda3/lib/python3.6/site-packages
(from protobuf<=3.0.0->mysql-connector-python) (1.11.0)
Requirement already satisfied: setuptools in ./anaconda3/lib/python3.6/site-packages
(from protobuf<=3.0.0->mysql-connector-python) (39.1.0)
Installing collected packages: protobuf, mysql-connector-python
Successfully installed mysql-connector-python-8.0.12 protobuf-3.6.1
You are using pip version 18.0, however version 18.1 is available.
You should consider upgrading via the 'pip install --upgrade pip' command.
prasad@prasad-pc:~$ pip install --upgrade pip
Collecting pip
```

Downloading https://files.pythonhosted.org/packages/c2/d7/90f34cb0d83a6c5631cf71dfe64cc1054598c843a92b400e55675cc2ac37/pip-18.1-py2.py3-none-any.whl (1.3MB)

100% |██| 1.3MB 4.7MB/s

Installing collected packages: pip

Found existing installation: pip 18.0

Uninstalling pip-18.0:

Successfully uninstalled pip-18.0

Successfully installed pip-18.1

\*\*\*\*\*

Python code using Mysql connector

\*\*\*\*\*

```
from sys import argv
import mysql.connector
def mysqlConnect(db):
    cnx = mysql.connector.connect(user='prasad',
password='password',host='127.0.0.1')
    cursor = cnx.cursor()
    query = ("select table_name, table_rows from INFORMATION_SCHEMA.TABLES where
TABLE_SCHEMA = %s")
    cursor.execute(query,(db))

    #result = cursor.fetchall()
    print("Table Rows")
    for (table_name, table_rows) in cursor:
        print("{} - {}".format(table_name.decode("utf-8"),table_rows))

    cursor.close()
    cnx.close()

def main():
    mysqlConnect(argv[1:])

if __name__ == "__main__":
    main()
```

output::

prasad@prasad-pc:~/Python\$ python hw2.py classicmodels

```
Table      Rows
customers - 122
employees - 23
offices - 7
orderdetails - 2996
orders - 326
payments - 273
productlines - 7
products - 110
```