Setting environment for using XAMPP for Windows.

DELL@DHI-PC c:\xampp

# mysql -u root -p

Enter password:

Welcome to the MariaDB monitor. Commands end with ; or \g.

Your MariaDB connection id is 8

Server version: 10.4.19-MariaDB mariadb.org binary distribution

Copyright (c) 2000, 2018, Oracle, MariaDB Corporation Ab and others.

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

MariaDB [(none)]> use sakila

Database changed

MariaDB [sakila]> show databases;

+--------------------+

| Database |

+--------------------+

| information\_schema |

| mysql |

| performance\_schema |

| phpmyadmin |

| sakila |

| test |

| tutorial7 |

+--------------------+

7 rows in set (0.022 sec)

MariaDB [sakila]> select \* from sakila

-> Bye

DELL@DHI-PC c:\xampp

# mysql -u root -p

Enter password:

Welcome to the MariaDB monitor. Commands end with ; or \g.

Your MariaDB connection id is 9

Server version: 10.4.19-MariaDB mariadb.org binary distribution

Copyright (c) 2000, 2018, Oracle, MariaDB Corporation Ab and others.

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

MariaDB [(none)]> use sakila

Database changed

MariaDB [sakila]> show \* from sakila;

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near '\* from sakila' at line 1

MariaDB [sakila]> select \* from actor;

+----------+-------------+--------------+---------------------+

| actor\_id | first\_name | last\_name | last\_update |

+----------+-------------+--------------+---------------------+

| 1 | PENELOPE | GUINESS | 2006-02-15 04:34:33 |

| 2 | NICK | WAHLBERG | 2006-02-15 04:34:33 |

| 3 | ED | CHASE | 2006-02-15 04:34:33 |

| 4 | JENNIFER | DAVIS | 2006-02-15 04:34:33 |

| 5 | JOHNNY | LOLLOBRIGIDA | 2006-02-15 04:34:33 |

| 6 | BETTE | NICHOLSON | 2006-02-15 04:34:33 |

| 7 | GRACE | MOSTEL | 2006-02-15 04:34:33 |

| 8 | MATTHEW | JOHANSSON | 2006-02-15 04:34:33 |

| 9 | JOE | SWANK | 2006-02-15 04:34:33 |

| 10 | CHRISTIAN | GABLE | 2006-02-15 04:34:33 |

| 11 | ZERO | CAGE | 2006-02-15 04:34:33 |

| 12 | KARL | BERRY | 2006-02-15 04:34:33 |

| 13 | UMA | WOOD | 2006-02-15 04:34:33 |

| 14 | VIVIEN | BERGEN | 2006-02-15 04:34:33 |

| 15 | CUBA | OLIVIER | 2006-02-15 04:34:33 |

| 16 | FRED | COSTNER | 2006-02-15 04:34:33 |

| 17 | HELEN | VOIGHT | 2006-02-15 04:34:33 |

| 18 | DAN | TORN | 2006-02-15 04:34:33 |

| 19 | BOB | FAWCETT | 2006-02-15 04:34:33 |

| 20 | LUCILLE | TRACY | 2006-02-15 04:34:33 |

| 21 | KIRSTEN | PALTROW | 2006-02-15 04:34:33 |

| 22 | ELVIS | MARX | 2006-02-15 04:34:33 |

| 23 | SANDRA | KILMER | 2006-02-15 04:34:33 |

| 24 | CAMERON | STREEP | 2006-02-15 04:34:33 |

| 25 | KEVIN | BLOOM | 2006-02-15 04:34:33 |

| 26 | RIP | CRAWFORD | 2006-02-15 04:34:33 |

| 27 | JULIA | MCQUEEN | 2006-02-15 04:34:33 |

| 28 | WOODY | HOFFMAN | 2006-02-15 04:34:33 |

| 29 | ALEC | WAYNE | 2006-02-15 04:34:33 |

| 30 | SANDRA | PECK | 2006-02-15 04:34:33 |

| 31 | SISSY | SOBIESKI | 2006-02-15 04:34:33 |

| 32 | TIM | HACKMAN | 2006-02-15 04:34:33 |

| 33 | MILLA | PECK | 2006-02-15 04:34:33 |

| 34 | AUDREY | OLIVIER | 2006-02-15 04:34:33 |

| 35 | JUDY | DEAN | 2006-02-15 04:34:33 |

| 36 | BURT | DUKAKIS | 2006-02-15 04:34:33 |

| 37 | VAL | BOLGER | 2006-02-15 04:34:33 |

| 38 | TOM | MCKELLEN | 2006-02-15 04:34:33 |

| 39 | GOLDIE | BRODY | 2006-02-15 04:34:33 |

| 40 | JOHNNY | CAGE | 2006-02-15 04:34:33 |

| 41 | JODIE | DEGENERES | 2006-02-15 04:34:33 |

| 42 | TOM | MIRANDA | 2006-02-15 04:34:33 |

| 43 | KIRK | JOVOVICH | 2006-02-15 04:34:33 |

| 44 | NICK | STALLONE | 2006-02-15 04:34:33 |

| 45 | REESE | KILMER | 2006-02-15 04:34:33 |

| 46 | PARKER | GOLDBERG | 2006-02-15 04:34:33 |

| 47 | JULIA | BARRYMORE | 2006-02-15 04:34:33 |

| 48 | FRANCES | DAY-LEWIS | 2006-02-15 04:34:33 |

| 49 | ANNE | CRONYN | 2006-02-15 04:34:33 |

| 50 | NATALIE | HOPKINS | 2006-02-15 04:34:33 |

| 51 | GARY | PHOENIX | 2006-02-15 04:34:33 |

| 52 | CARMEN | HUNT | 2006-02-15 04:34:33 |

| 53 | MENA | TEMPLE | 2006-02-15 04:34:33 |

| 54 | PENELOPE | PINKETT | 2006-02-15 04:34:33 |

| 55 | FAY | KILMER | 2006-02-15 04:34:33 |

| 56 | DAN | HARRIS | 2006-02-15 04:34:33 |

| 57 | JUDE | CRUISE | 2006-02-15 04:34:33 |

| 58 | CHRISTIAN | AKROYD | 2006-02-15 04:34:33 |

| 59 | DUSTIN | TAUTOU | 2006-02-15 04:34:33 |

| 60 | HENRY | BERRY | 2006-02-15 04:34:33 |

| 61 | CHRISTIAN | NEESON | 2006-02-15 04:34:33 |

| 62 | JAYNE | NEESON | 2006-02-15 04:34:33 |

| 63 | CAMERON | WRAY | 2006-02-15 04:34:33 |

| 64 | RAY | JOHANSSON | 2006-02-15 04:34:33 |

| 65 | ANGELA | HUDSON | 2006-02-15 04:34:33 |

| 66 | MARY | TANDY | 2006-02-15 04:34:33 |

| 67 | JESSICA | BAILEY | 2006-02-15 04:34:33 |

| 68 | RIP | WINSLET | 2006-02-15 04:34:33 |

| 69 | KENNETH | PALTROW | 2006-02-15 04:34:33 |

| 70 | MICHELLE | MCCONAUGHEY | 2006-02-15 04:34:33 |

| 71 | ADAM | GRANT | 2006-02-15 04:34:33 |

| 72 | SEAN | WILLIAMS | 2006-02-15 04:34:33 |

| 73 | GARY | PENN | 2006-02-15 04:34:33 |

| 74 | MILLA | KEITEL | 2006-02-15 04:34:33 |

| 75 | BURT | POSEY | 2006-02-15 04:34:33 |

| 76 | ANGELINA | ASTAIRE | 2006-02-15 04:34:33 |

| 77 | CARY | MCCONAUGHEY | 2006-02-15 04:34:33 |

| 78 | GROUCHO | SINATRA | 2006-02-15 04:34:33 |

| 79 | MAE | HOFFMAN | 2006-02-15 04:34:33 |

| 80 | RALPH | CRUZ | 2006-02-15 04:34:33 |

| 81 | SCARLETT | DAMON | 2006-02-15 04:34:33 |

| 82 | WOODY | JOLIE | 2006-02-15 04:34:33 |

| 83 | BEN | WILLIS | 2006-02-15 04:34:33 |

| 84 | JAMES | PITT | 2006-02-15 04:34:33 |

| 85 | MINNIE | ZELLWEGER | 2006-02-15 04:34:33 |

| 86 | GREG | CHAPLIN | 2006-02-15 04:34:33 |

| 87 | SPENCER | PECK | 2006-02-15 04:34:33 |

| 88 | KENNETH | PESCI | 2006-02-15 04:34:33 |

| 89 | CHARLIZE | DENCH | 2006-02-15 04:34:33 |

| 90 | SEAN | GUINESS | 2006-02-15 04:34:33 |

| 91 | CHRISTOPHER | BERRY | 2006-02-15 04:34:33 |

| 92 | KIRSTEN | AKROYD | 2006-02-15 04:34:33 |

| 93 | ELLEN | PRESLEY | 2006-02-15 04:34:33 |

| 94 | KENNETH | TORN | 2006-02-15 04:34:33 |

| 95 | DARYL | WAHLBERG | 2006-02-15 04:34:33 |

| 96 | GENE | WILLIS | 2006-02-15 04:34:33 |

| 97 | MEG | HAWKE | 2006-02-15 04:34:33 |

| 98 | CHRIS | BRIDGES | 2006-02-15 04:34:33 |

| 99 | JIM | MOSTEL | 2006-02-15 04:34:33 |

| 100 | SPENCER | DEPP | 2006-02-15 04:34:33 |

| 101 | SUSAN | DAVIS | 2006-02-15 04:34:33 |

| 102 | WALTER | TORN | 2006-02-15 04:34:33 |

| 103 | MATTHEW | LEIGH | 2006-02-15 04:34:33 |

| 104 | PENELOPE | CRONYN | 2006-02-15 04:34:33 |

| 105 | SIDNEY | CROWE | 2006-02-15 04:34:33 |

| 106 | GROUCHO | DUNST | 2006-02-15 04:34:33 |

| 107 | GINA | DEGENERES | 2006-02-15 04:34:33 |

| 108 | WARREN | NOLTE | 2006-02-15 04:34:33 |

| 109 | SYLVESTER | DERN | 2006-02-15 04:34:33 |

| 110 | SUSAN | DAVIS | 2006-02-15 04:34:33 |

| 111 | CAMERON | ZELLWEGER | 2006-02-15 04:34:33 |

| 112 | RUSSELL | BACALL | 2006-02-15 04:34:33 |

| 113 | MORGAN | HOPKINS | 2006-02-15 04:34:33 |

| 114 | MORGAN | MCDORMAND | 2006-02-15 04:34:33 |

| 115 | HARRISON | BALE | 2006-02-15 04:34:33 |

| 116 | DAN | STREEP | 2006-02-15 04:34:33 |

| 117 | RENEE | TRACY | 2006-02-15 04:34:33 |

| 118 | CUBA | ALLEN | 2006-02-15 04:34:33 |

| 119 | WARREN | JACKMAN | 2006-02-15 04:34:33 |

| 120 | PENELOPE | MONROE | 2006-02-15 04:34:33 |

| 121 | LIZA | BERGMAN | 2006-02-15 04:34:33 |

| 122 | SALMA | NOLTE | 2006-02-15 04:34:33 |

| 123 | JULIANNE | DENCH | 2006-02-15 04:34:33 |

| 124 | SCARLETT | BENING | 2006-02-15 04:34:33 |

| 125 | ALBERT | NOLTE | 2006-02-15 04:34:33 |

| 126 | FRANCES | TOMEI | 2006-02-15 04:34:33 |

| 127 | KEVIN | GARLAND | 2006-02-15 04:34:33 |

| 128 | CATE | MCQUEEN | 2006-02-15 04:34:33 |

| 129 | DARYL | CRAWFORD | 2006-02-15 04:34:33 |

| 130 | GRETA | KEITEL | 2006-02-15 04:34:33 |

| 131 | JANE | JACKMAN | 2006-02-15 04:34:33 |

| 132 | ADAM | HOPPER | 2006-02-15 04:34:33 |

| 133 | RICHARD | PENN | 2006-02-15 04:34:33 |

| 134 | GENE | HOPKINS | 2006-02-15 04:34:33 |

| 135 | RITA | REYNOLDS | 2006-02-15 04:34:33 |

| 136 | ED | MANSFIELD | 2006-02-15 04:34:33 |

| 137 | MORGAN | WILLIAMS | 2006-02-15 04:34:33 |

| 138 | LUCILLE | DEE | 2006-02-15 04:34:33 |

| 139 | EWAN | GOODING | 2006-02-15 04:34:33 |

| 140 | WHOOPI | HURT | 2006-02-15 04:34:33 |

| 141 | CATE | HARRIS | 2006-02-15 04:34:33 |

| 142 | JADA | RYDER | 2006-02-15 04:34:33 |

| 143 | RIVER | DEAN | 2006-02-15 04:34:33 |

| 144 | ANGELA | WITHERSPOON | 2006-02-15 04:34:33 |

| 145 | KIM | ALLEN | 2006-02-15 04:34:33 |

| 146 | ALBERT | JOHANSSON | 2006-02-15 04:34:33 |

| 147 | FAY | WINSLET | 2006-02-15 04:34:33 |

| 148 | EMILY | DEE | 2006-02-15 04:34:33 |

| 149 | RUSSELL | TEMPLE | 2006-02-15 04:34:33 |

| 150 | JAYNE | NOLTE | 2006-02-15 04:34:33 |

| 151 | GEOFFREY | HESTON | 2006-02-15 04:34:33 |

| 152 | BEN | HARRIS | 2006-02-15 04:34:33 |

| 153 | MINNIE | KILMER | 2006-02-15 04:34:33 |

| 154 | MERYL | GIBSON | 2006-02-15 04:34:33 |

| 155 | IAN | TANDY | 2006-02-15 04:34:33 |

| 156 | FAY | WOOD | 2006-02-15 04:34:33 |

| 157 | GRETA | MALDEN | 2006-02-15 04:34:33 |

| 158 | VIVIEN | BASINGER | 2006-02-15 04:34:33 |

| 159 | LAURA | BRODY | 2006-02-15 04:34:33 |

| 160 | CHRIS | DEPP | 2006-02-15 04:34:33 |

| 161 | HARVEY | HOPE | 2006-02-15 04:34:33 |

| 162 | OPRAH | KILMER | 2006-02-15 04:34:33 |

| 163 | CHRISTOPHER | WEST | 2006-02-15 04:34:33 |

| 164 | HUMPHREY | WILLIS | 2006-02-15 04:34:33 |

| 165 | AL | GARLAND | 2006-02-15 04:34:33 |

| 166 | NICK | DEGENERES | 2006-02-15 04:34:33 |

| 167 | LAURENCE | BULLOCK | 2006-02-15 04:34:33 |

| 168 | WILL | WILSON | 2006-02-15 04:34:33 |

| 169 | KENNETH | HOFFMAN | 2006-02-15 04:34:33 |

| 170 | MENA | HOPPER | 2006-02-15 04:34:33 |

| 171 | OLYMPIA | PFEIFFER | 2006-02-15 04:34:33 |

| 172 | GROUCHO | WILLIAMS | 2006-02-15 04:34:33 |

| 173 | ALAN | DREYFUSS | 2006-02-15 04:34:33 |

| 174 | MICHAEL | BENING | 2006-02-15 04:34:33 |

| 175 | WILLIAM | HACKMAN | 2006-02-15 04:34:33 |

| 176 | JON | CHASE | 2006-02-15 04:34:33 |

| 177 | GENE | MCKELLEN | 2006-02-15 04:34:33 |

| 178 | LISA | MONROE | 2006-02-15 04:34:33 |

| 179 | ED | GUINESS | 2006-02-15 04:34:33 |

| 180 | JEFF | SILVERSTONE | 2006-02-15 04:34:33 |

| 181 | MATTHEW | CARREY | 2006-02-15 04:34:33 |

| 182 | DEBBIE | AKROYD | 2006-02-15 04:34:33 |

| 183 | RUSSELL | CLOSE | 2006-02-15 04:34:33 |

| 184 | HUMPHREY | GARLAND | 2006-02-15 04:34:33 |

| 185 | MICHAEL | BOLGER | 2006-02-15 04:34:33 |

| 186 | JULIA | ZELLWEGER | 2006-02-15 04:34:33 |

| 187 | RENEE | BALL | 2006-02-15 04:34:33 |

| 188 | ROCK | DUKAKIS | 2006-02-15 04:34:33 |

| 189 | CUBA | BIRCH | 2006-02-15 04:34:33 |

| 190 | AUDREY | BAILEY | 2006-02-15 04:34:33 |

| 191 | GREGORY | GOODING | 2006-02-15 04:34:33 |

| 192 | JOHN | SUVARI | 2006-02-15 04:34:33 |

| 193 | BURT | TEMPLE | 2006-02-15 04:34:33 |

| 194 | MERYL | ALLEN | 2006-02-15 04:34:33 |

| 195 | JAYNE | SILVERSTONE | 2006-02-15 04:34:33 |

| 196 | BELA | WALKEN | 2006-02-15 04:34:33 |

| 197 | REESE | WEST | 2006-02-15 04:34:33 |

| 198 | MARY | KEITEL | 2006-02-15 04:34:33 |

| 199 | JULIA | FAWCETT | 2006-02-15 04:34:33 |

| 200 | THORA | TEMPLE | 2006-02-15 04:34:33 |

+----------+-------------+--------------+---------------------+

200 rows in set (0.047 sec)

MariaDB [sakila]> select distinct first\_name as "First Name" from actor;

+-------------+

| First Name |

+-------------+

| PENELOPE |

| NICK |

| ED |

| JENNIFER |

| JOHNNY |

| BETTE |

| GRACE |

| MATTHEW |

| JOE |

| CHRISTIAN |

| ZERO |

| KARL |

| UMA |

| VIVIEN |

| CUBA |

| FRED |

| HELEN |

| DAN |

| BOB |

| LUCILLE |

| KIRSTEN |

| ELVIS |

| SANDRA |

| CAMERON |

| KEVIN |

| RIP |

| JULIA |

| WOODY |

| ALEC |

| SISSY |

| TIM |

| MILLA |

| AUDREY |

| JUDY |

| BURT |

| VAL |

| TOM |

| GOLDIE |

| JODIE |

| KIRK |

| REESE |

| PARKER |

| FRANCES |

| ANNE |

| NATALIE |

| GARY |

| CARMEN |

| MENA |

| FAY |

| JUDE |

| DUSTIN |

| HENRY |

| JAYNE |

| RAY |

| ANGELA |

| MARY |

| JESSICA |

| KENNETH |

| MICHELLE |

| ADAM |

| SEAN |

| ANGELINA |

| CARY |

| GROUCHO |

| MAE |

| RALPH |

| SCARLETT |

| BEN |

| JAMES |

| MINNIE |

| GREG |

| SPENCER |

| CHARLIZE |

| CHRISTOPHER |

| ELLEN |

| DARYL |

| GENE |

| MEG |

| CHRIS |

| JIM |

| SUSAN |

| WALTER |

| SIDNEY |

| GINA |

| WARREN |

| SYLVESTER |

| RUSSELL |

| MORGAN |

| HARRISON |

| RENEE |

| LIZA |

| SALMA |

| JULIANNE |

| ALBERT |

| CATE |

| GRETA |

| JANE |

| RICHARD |

| RITA |

| EWAN |

| WHOOPI |

| JADA |

| RIVER |

| KIM |

| EMILY |

| GEOFFREY |

| MERYL |

| IAN |

| LAURA |

| HARVEY |

| OPRAH |

| HUMPHREY |

| AL |

| LAURENCE |

| WILL |

| OLYMPIA |

| ALAN |

| MICHAEL |

| WILLIAM |

| JON |

| LISA |

| JEFF |

| DEBBIE |

| ROCK |

| GREGORY |

| JOHN |

| BELA |

| THORA |

+-------------+

128 rows in set (0.004 sec)

MariaDB [sakila]> select count(distinct) first\_name as "First Name" from actor;

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near ') first\_name as "First Name" from actor' at line 1

MariaDB [sakila]> select count((distinct) first\_name) as "First Name" from actor;

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near 'distinct) first\_name) as "First Name" from actor' at line 1

MariaDB [sakila]> select count(distinct(first\_name)) as "First Name" from actor;

+------------+

| First Name |

+------------+

| 128 |

+------------+

1 row in set (0.007 sec)

MariaDB [sakila]> select first\_name from actors where first\_name = "Grucho";

ERROR 1146 (42S02): Table 'sakila.actors' doesn't exist

MariaDB [sakila]> select first\_name from actor where first\_name = "Grucho";

Empty set (0.023 sec)

MariaDB [sakila]> select first\_name from actor where first\_name like "Grucho";

Empty set (0.005 sec)

MariaDB [sakila]> select first\_name from actor where first\_name = "%Grucho%";

Empty set (0.001 sec)

MariaDB [sakila]> select first\_name from actor where first\_name like "%Grucho%";

Empty set (0.001 sec)

MariaDB [sakila]> select first\_name from actor where first\_name like "%Gurcho%";

Empty set (0.001 sec)

MariaDB [sakila]> select first\_name from actor where first\_name like "%Groucho%";

+------------+

| first\_name |

+------------+

| GROUCHO |

| GROUCHO |

| GROUCHO |

+------------+

3 rows in set (0.001 sec)

MariaDB [sakila]> select first\_name from actor where first\_name like "%William%";

+------------+

| first\_name |

+------------+

| WILLIAM |

+------------+

1 row in set (0.001 sec)

MariaDB [sakila]> select first\_name and last\_name from actor where last\_name like "%William%";

+--------------------------+

| first\_name and last\_name |

+--------------------------+

| 0 |

| 0 |

| 0 |

+--------------------------+

3 rows in set, 3 warnings (0.004 sec)

MariaDB [sakila]> select first\_name, last\_name from actor where last\_name like "%William%";

+------------+-----------+

| first\_name | last\_name |

+------------+-----------+

| SEAN | WILLIAMS |

| MORGAN | WILLIAMS |

| GROUCHO | WILLIAMS |

+------------+-----------+

3 rows in set (0.001 sec)

MariaDB [sakila]> update actor set first\_name = "MARK" where first\_name = "%GROUCHO%", last\_name = "%WILLIAMS%";

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near ' last\_name = "%WILLIAMS%"' at line 1

MariaDB [sakila]> update actor set first\_name = "MARK" where first\_name = "%GROUCHO%", last\_name = "%WILLIAM%";

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near ' last\_name = "%WILLIAM%"' at line 1

MariaDB [sakila]> update actor set first\_name = "MARK" where first\_name = "GROUCHO", last\_name = "WILLIAMS";

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near ' last\_name = "WILLIAMS"' at line 1

MariaDB [sakila]> update actor set first\_name = "MARK" where first\_name = "GROUCHO" and last\_name = "WILLIAMS";

Query OK, 1 row affected (0.036 sec)

Rows matched: 1 Changed: 1 Warnings: 0

MariaDB [sakila]> select first\_name, last\_name from actor where first\_name = "MARK";

+------------+-----------+

| first\_name | last\_name |

+------------+-----------+

| MARK | WILLIAMS |

+------------+-----------+

1 row in set (0.003 sec)

MariaDB [sakila]> select first\_name, last\_name from actor where last\_name = "WILLIAMS";

+------------+-----------+

| first\_name | last\_name |

+------------+-----------+

| SEAN | WILLIAMS |

| MORGAN | WILLIAMS |

| MARK | WILLIAMS |

+------------+-----------+

3 rows in set (0.005 sec)

MariaDB [sakila]>