

ASSIGNMENT 1 DBT

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

mysql> select current_user();
+-----+
| current_user() |
+-----+
| root@localhost |
+-----+
1 row in set (0.00 sec)

mysql> system mysql -u Assignment1 -u
mysql: [ERROR] mysql: option '-u' requires an argument.
mysql> system mysql -u Assignment -p
Enter password: ****
ERROR 1045 (28000): Access denied for user 'Assignment'@'localhost' (using password: YES)
mysql> show databases;
+-----+
| Database |
+-----+
| information_schema |
| mysql |
| performance_schema |
| sys |
| vaibhavdb |
+-----+
5 rows in set (0.03 sec)

mysql> select current_user();
+-----+
| current_user() |
+-----+
| root@localhost |
+-----+
1 row in set (0.00 sec)
```

```
| root@localhost |
+-----+
1 row in set (0.00 sec)

mysql> select user from mysql.user
-> ;
+-----+
| user |
+-----+
| VAIBHAV |
| Vaibhav |
| admin |
| mysql.infoschema |
| mysql.session |
| mysql.sys |
| root |
+-----+
7 rows in set (0.00 sec)

mysql> system mysql -u VAIBHAV -p
Enter password: ****
Welcome to the MySQL monitor. Commands end with ; or \g.
Your MySQL connection id is 16
Server version: 8.0.41 MySQL Community Server - GPL

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owners.

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

mysql> create database Assignment1;
Query OK, 1 row affected (0.01 sec)
```

```
mysql> show databases;
+-----+
| Database |
+-----+
| assignment1 |
| information_schema |
| mysql |
| performance_schema |
| sys |
| vaibhavdb |
+-----+
6 rows in set (0.00 sec)

mysql> system mysql -u assignment1 -p
Enter password: ****
ERROR 1045 (28000): Access denied for user 'assignment1'@'localhost' (using password: YES)
mysql> use assignment1;
Database changed
mysql> create table SALESPERSON(Snum int(4),sname varchar(10), City varchar(10),comm float(3,2);
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 'City varchar(10),comm float(3,2);' at line 1
mysql> create table SALESPEOPLE(Snum int(4), sname varchar(10), City varchar(10),comm float(3,2));
Query OK, 0 rows affected, 2 warnings (0.02 sec)

mysql> insert into SALESPEOPLE values (1001, 'peel', 'London', .12);
Query OK, 1 row affected (0.03 sec)

mysql> insert into SALESPEOPLE values (1002, 'serres', 'san jose', .13);
Query OK, 1 row affected (0.03 sec)

mysql> insert into SALESPEOPLE values (1004, 'Rifkin', 'Barcelona', .14);
Query OK, 1 row affected (0.00 sec)

mysql> insert into SALESPEOPLE values (1003, 'Axelrod', 'New York', .15);
Query OK, 1 row affected (0.01 sec)
```

```
mysql> select * from SALESPEOPLE;
+-----+-----+-----+-----+
| Snum | sname | City | comm |
+-----+-----+-----+-----+
| 1001 | peel | London | 0.12 |
| 1002 | serres | san jose | 0.13 |
| 1004 | Rifkin | Barcelona | 0.14 |
| 1003 | Axelrod | New York | 0.15 |
+-----+-----+-----+-----+
4 rows in set (0.00 sec)

mysql> insert into SALESPEOPLE values (1001, 'jose', 'London', .11);
Query OK, 1 row affected (0.01 sec)

mysql> select * from SALESPEOPLE;
+-----+-----+-----+-----+
| Snum | sname | City | comm |
+-----+-----+-----+-----+
| 1001 | peel | London | 0.12 |
| 1002 | serres | san jose | 0.13 |
| 1004 | Rifkin | Barcelona | 0.14 |
| 1003 | Axelrod | New York | 0.15 |
| 1001 | jose | London | 0.11 |
+-----+-----+-----+-----+
5 rows in set (0.00 sec)

mysql> create table customers(Cnum int, Cname varchar(10), City varchar(10), Rating int, Snum int);
Query OK, 0 rows affected (0.03 sec)

mysql> insert into customers values values(2001, 'Hoffman','London', 100, 1001);
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 'values(2001, 'Hoffman','London', 100, 1001)' at line 1
mysql> insert into customers values(2001, 'Hoffman','London', 100, 1001);
Query OK, 1 row affected (0.01 sec)

mysql> insert into customers values(2002, 'Giovanni','Rome', 200, 1003);
Query OK, 1 row affected (0.03 sec)

mysql> insert into customers values(2003, 'Liu','San jose', 300, 1002);
```

```
mysql> insert into customers values(2003, 'Liu','San jose', 300, 1002);
Query OK, 1 row affected (0.03 sec)

mysql> insert into customers values(2004, 'Grass','Berlin', 300, 1002);
Query OK, 1 row affected (0.03 sec)

mysql> insert into customers values(2006, 'Clemens','London', 100, 1001);
Query OK, 1 row affected (0.03 sec)

mysql> insert into customers values(2008, 'Cisneros','San jose', 300, 107);
Query OK, 1 row affected (0.02 sec)

mysql> insert into customers values(2007, 'Pereira','Rome', 100, 1004);
Query OK, 1 row affected (0.00 sec)

mysql> select * from customers;
+-----+-----+-----+-----+-----+
| Cnum | Cname | City | Rating | Snum |
+-----+-----+-----+-----+-----+
| 2001 | Hoffman | London | 100 | 1001 |
| 2002 | Giovanni | Rome | 200 | 1003 |
| 2003 | Liu | San jose | 300 | 1002 |
| 2004 | Grass | Berlin | 300 | 1002 |
| 2006 | Clemens | London | 100 | 1001 |
| 2008 | Cisneros | San jose | 300 | 107 |
| 2007 | Pereira | Rome | 100 | 1004 |
+-----+-----+-----+-----+-----+
7 rows in set (0.00 sec)

mysql> update customers set Snum = 1007 where Cnum = 2008;
Query OK, 1 row affected (0.03 sec)
Rows matched: 1 Changed: 1 Warnings: 0
```

```
mysql> select * from customers;
+-----+-----+-----+-----+-----+
| Cnum | Cname | City | Rating | Snum |
+-----+-----+-----+-----+-----+
| 2001 | Hoffman | London | 100 | 1001 |
| 2002 | Giovanni | Rome | 200 | 1003 |
| 2003 | Liu | San jose | 300 | 1002 |
| 2004 | Grass | Berlin | 300 | 1002 |
| 2006 | Clemens | London | 100 | 1001 |
| 2008 | Cisneros | San jose | 300 | 1007 |
| 2007 | Pereira | Rome | 100 | 1004 |
+-----+-----+-----+-----+-----+
7 rows in set (0.00 sec)

mysql> create table order(Onum int, Amt float(7,2), Odate date, Cnum int, Snum int);
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
rder(Onum int, Amt float(7,2), Odate date, Cnum int, Snum int)' at line 1
mysql> create table orders(Onum int, Amt float(7,2), Odate date, Cnum int, Snum int);
Query OK, 0 rows affected, 1 warning (0.02 sec)

mysql> show tables;
+-----+
| Tables_in_assignment1 |
+-----+
| customers |
| orders |
| salespeople |
+-----+
3 rows in set (0.00 sec)

mysql> insert into orders values(3001,18.69,'1990-10-03',2008,1007);
Query OK, 1 row affected (0.03 sec)

mysql> ^C
mysql> insert into orders values(3003,767.19,'1990-10-03',2008,1007);
Query OK, 1 row affected (0.03 sec)

mysql> ^C
mysql> insert into orders values(3006,1900.10,'1990-10-03',2007,1004);
```

```
mysql> insert into orders values(3005,1098.16,'1990-10-03',2008,1007);
Query OK, 1 row affected (0.03 sec)
```

```
mysql> insert into orders values(3009,1713.23,'1990-10-04',2002,1003);
Query OK, 1 row affected (0.03 sec)
```

```
mysql> insert into orders values(3007,75.75,'1990-10-04',2004,1002);
Query OK, 1 row affected (0.03 sec)
```

```
mysql> insert into orders values(3008,4723.00,'1990-10-05',2006,1001);
Query OK, 1 row affected (0.03 sec)
```

```
mysql> insert into orders values(3010,1309.95,'1990-10-06',2004,1002);
Query OK, 1 row affected (0.03 sec)
```

```
mysql> insert into orders values(3011,9891.88,'1990-10-06',2006,1001);
Query OK, 1 row affected (0.00 sec)
```

```
mysql> select * from orders;
```

Onum	Amt	Odate	Cnum	Snum
3001	18.69	1990-10-03	2008	1007
3003	767.19	1990-10-03	2008	1007
3006	1900.10	1990-10-03	2007	1004
3005	1098.16	1990-10-03	2008	1007
3009	1713.23	1990-10-04	2002	1003
3007	75.75	1990-10-04	2004	1002
3008	4723.00	1990-10-05	2006	1001
3010	1309.95	1990-10-06	2004	1002
3011	9891.88	1990-10-06	2006	1001

```
9 rows in set (0.00 sec)
```

```
mysql> |
```