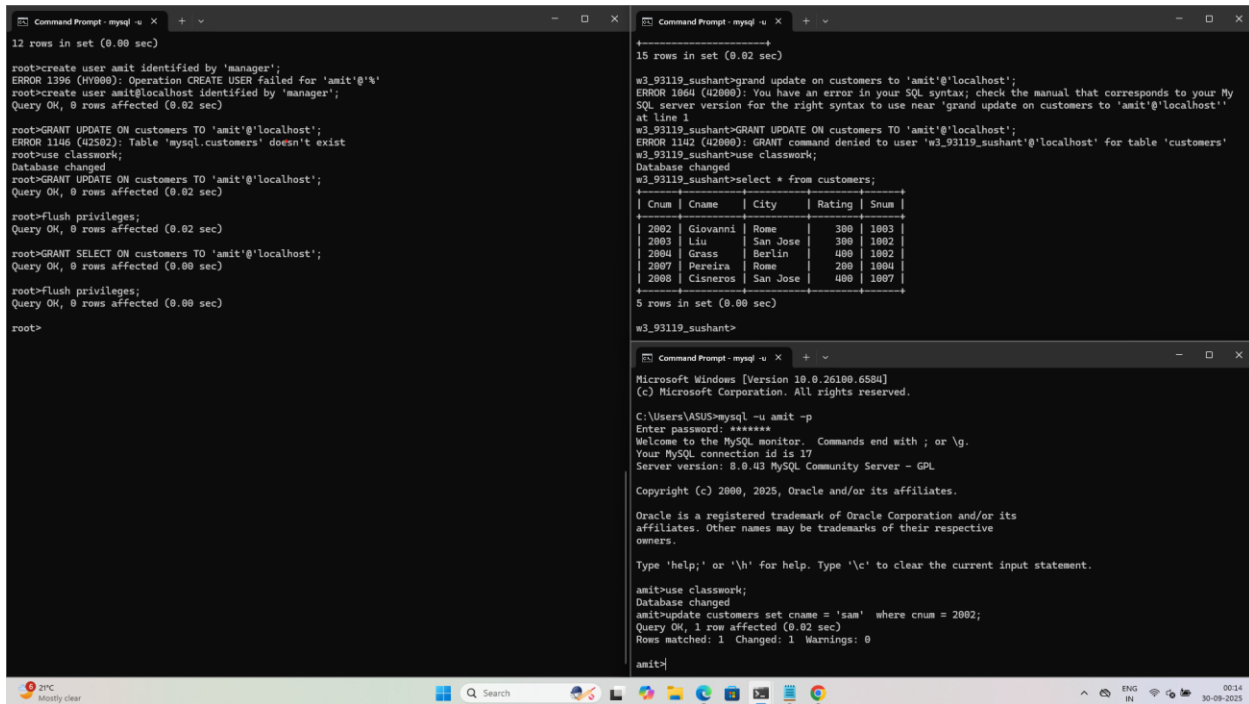


1) Give Amit the right to change the ratings of the customers.



The screenshot shows three command prompt windows on a Windows desktop. The leftmost window shows the root user performing several MySQL commands: creating a user 'amit', creating a user 'amit@localhost', granting UPDATE privileges on the 'customers' table to 'amit@localhost', flushing privileges, and granting SELECT privileges to 'amit@localhost'. The middle window shows the user 'w3_93119_sushant' attempting to run 'grand update on customers to 'amit@localhost'', which fails with a syntax error. The user then runs 'GRANT UPDATE ON customers TO 'amit@localhost'' and 'use classwork', followed by a successful 'select * from customers;' query. The rightmost window shows the user 'amit' logging into MySQL, running 'use classwork', and then 'update customers set cname = 'sam' where cnum = 2002;', which is successful.

```
12 rows in set (0.00 sec)

root>create user amit identified by 'manager';
ERROR 1396 (HY000): Operation CREATE USER failed for 'amit'@'%'
root>create user amit@localhost identified by 'manager';
Query OK, 0 rows affected (0.02 sec)

root>GRANT UPDATE ON customers TO 'amit'@'localhost';
ERROR 1146 (42502): Table 'mysql.customers' doesn't exist
root>use classwork;
Database changed
root>GRANT UPDATE ON customers TO 'amit'@'localhost';
Query OK, 0 rows affected (0.02 sec)

root>flush privileges;
Query OK, 0 rows affected (0.02 sec)

root>GRANT SELECT ON customers TO 'amit'@'localhost';
Query OK, 0 rows affected (0.00 sec)

root>flush privileges;
Query OK, 0 rows affected (0.00 sec)

root>
```

```
w3_93119_sushant>grand update on customers to 'amit'@'localhost';
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 'grand update on customers to 'amit'@'localhost'' at line 1
w3_93119_sushant>GRANT UPDATE ON customers TO 'amit'@'localhost';
ERROR 1142 (42000): GRANT command denied to user 'w3_93119_sushant'@'localhost' for table 'customers'
w3_93119_sushant>use classwork;
Database changed
w3_93119_sushant>select * from customers;
+-----+-----+-----+-----+-----+
| Cnum | Cname | City | Rating | Snum |
+-----+-----+-----+-----+-----+
| 2002 | Giovanni | Rome | 300 | 1003 |
| 2003 | Liu | San Jose | 300 | 1002 |
| 2004 | Grass | Berlin | 400 | 1002 |
| 2007 | Pereira | Rome | 200 | 1004 |
| 2008 | Cisneros | San Jose | 400 | 1007 |
+-----+-----+-----+-----+-----+
5 rows in set (0.00 sec)

w3_93119_sushant>
```

```
Microsoft Windows [Version 10.0.26100.6584]
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C:\Users\ASUS>mysql -u amit -p
Enter password: *****
Welcome to the MySQL monitor. Commands end with ; or \g.
Your MySQL connection id is 17
Server version: 8.0.43 MySQL Community Server - GPL

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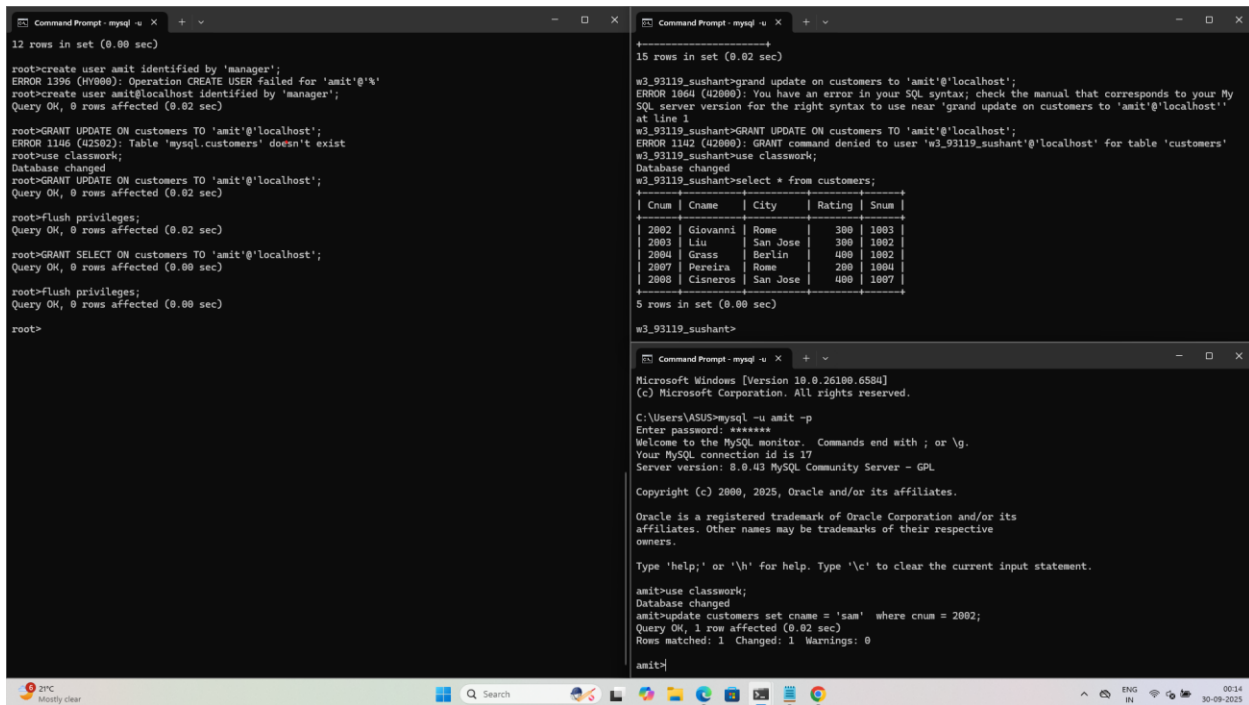
Oracle is a registered trademark of Oracle Corporation and/or its
affiliates. Other names may be trademarks of their respective
owners.

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

amit>use classwork;
Database changed
amit>update customers set cname = 'sam' where cnum = 2002;
Query OK, 1 row affected (0.02 sec)
Rows matched: 1 Changed: 1 Warnings: 0

amit>
```

2) Give Manoj the right to give other users the right to query the Orders table.



The screenshot shows three command prompt windows on a Windows desktop. The leftmost window shows the root user performing several MySQL commands: creating a user 'amit', creating a user 'amit@localhost', granting UPDATE privileges on the 'customers' table to 'amit@localhost', flushing privileges, and granting SELECT privileges to 'amit@localhost'. The middle window shows the user 'w3_93119_sushant' attempting to run 'grand update on customers to 'amit@localhost'', which fails with a syntax error. The user then runs 'GRANT UPDATE ON customers TO 'amit@localhost'' and 'use classwork', followed by a successful 'select * from customers;' query. The rightmost window shows the user 'amit' logging into MySQL, running 'use classwork', and then 'update customers set cname = 'sam' where cnum = 2002;', which is successful.

```
12 rows in set (0.00 sec)

root>create user amit identified by 'manager';
ERROR 1396 (HY000): Operation CREATE USER failed for 'amit'@'%'
root>create user amit@localhost identified by 'manager';
Query OK, 0 rows affected (0.02 sec)

root>GRANT UPDATE ON customers TO 'amit'@'localhost';
ERROR 1146 (42502): Table 'mysql.customers' doesn't exist
root>use classwork;
Database changed
root>GRANT UPDATE ON customers TO 'amit'@'localhost';
Query OK, 0 rows affected (0.02 sec)

root>flush privileges;
Query OK, 0 rows affected (0.02 sec)

root>GRANT SELECT ON customers TO 'amit'@'localhost';
Query OK, 0 rows affected (0.00 sec)

root>flush privileges;
Query OK, 0 rows affected (0.00 sec)

root>
```

```
w3_93119_sushant>grand update on customers to 'amit'@'localhost';
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 'grand update on customers to 'amit'@'localhost'' at line 1
w3_93119_sushant>GRANT UPDATE ON customers TO 'amit'@'localhost';
ERROR 1142 (42000): GRANT command denied to user 'w3_93119_sushant'@'localhost' for table 'customers'
w3_93119_sushant>use classwork;
Database changed
w3_93119_sushant>select * from customers;
+-----+-----+-----+-----+-----+
| Cnum | Cname | City | Rating | Snum |
+-----+-----+-----+-----+-----+
| 2002 | Giovanni | Rome | 300 | 1003 |
| 2003 | Liu | San Jose | 300 | 1002 |
| 2004 | Grass | Berlin | 400 | 1002 |
| 2007 | Pereira | Rome | 200 | 1004 |
| 2008 | Cisneros | San Jose | 400 | 1007 |
+-----+-----+-----+-----+-----+
5 rows in set (0.00 sec)

w3_93119_sushant>
```

```
Microsoft Windows [Version 10.0.26100.6584]
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C:\Users\ASUS>mysql -u amit -p
Enter password: *****
Welcome to the MySQL monitor. Commands end with ; or \g.
Your MySQL connection id is 17
Server version: 8.0.43 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.

amit>use classwork;
Database changed
amit>update customers set cname = 'sam' where cnum = 2002;
Query OK, 1 row affected (0.02 sec)
Rows matched: 1 Changed: 1 Warnings: 0

amit>
```