

Q#01a

```
mysql> CREATE VIEW customer_info
-> AS SELECT
-> customer.CUST_ID,ADDRESS,CITY,CUST_TYPE_CD,FED_ID,POSTAL_CODE,STATE
-> FROM customer,officer
-> WHERE customer.CUST_ID != officer.CUST_ID;
Query OK, 0 rows affected (0.15 sec)
```

```
mysql> select * from customer_info;
```

CUST_ID	ADDRESS	CITY	CUST_TYPE_CD	FED_ID	POSTAL_CODE	STATE
1	47 Mockingbird Ln	Lynnfield	I	111-11-1111	01940	MA

Q#01b

```
mysql> CREATE VIEW individual_info
-> AS SELECT
-> BIRTH_DATE,FIRST_NAME,LAST_NAME,AVAIL_BALANCE,PENDING_BALANCE
-> FROM individual,account;
Query OK, 0 rows affected (0.15 sec)
```

```
mysql> SELECT * FROM individual_info;
```

BIRTH_DATE	FIRST_NAME	LAST_NAME	AVAIL_BALANCE	PENDING_BALANCE
1972-04-22	James	Hadley	1057.75	1057.75

Q#02 PART 2

```
mysql> CREATE USER 'uzair_ammam18'@'localhost' IDENTIFIED BY 'ucl06';
Query OK, 0 rows affected (0.08 sec)
```

```
mysql> SELECT USER FROM mysql.user;
```

USER
mysql.infoschema
mysql.session
mysql.sys
p180101
root
uzair_ammam
uzair_ammam18

7 rows in set (0.00 sec)

```
mysql> SHOW GRANTS FOR 'uzair_ammam18'@'localhost';
```

Grants for uzair_ammam18@localhost
GRANT USAGE ON *.* TO `uzair_ammam18`@`localhost`
GRANT INSERT, UPDATE ON `bank`.`product` TO `uzair_ammam18`@`localhost`

2 rows in set (0.00 sec)

```
cmd C:\Windows\System32\cmd.exe - mysql -u uzair_ammam18 -p
```

```
Microsoft Windows [Version 10.0.18363.1379]
```

```
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```

```
C:\wamp64\bin\mysql\mysql8.0.21\bin>mysql -u uzair_ammam18 -p
```

```
Enter password: *****
```

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

```
Your MySQL connection id is 645
```

```
Server version: 8.0.21 MySQL Community Server - GPL
```

```
mysql> use bank;
Database changed
mysql> show tables;
+-----+
| Tables_in_bank |
+-----+
| product        |
+-----+
1 row in set (0.01 sec)
```

```
mysql> show columns in product;
+-----+-----+-----+-----+-----+-----+
| Field          | Type          | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| PRODUCT_CD     | varchar(10)   | NO   | PRI | NULL    |       |
| DATE_OFFERED   | date          | YES  |     | NULL    |       |
| DATE_RETIRED   | date          | YES  |     | NULL    |       |
| NAME           | varchar(50)   | NO   |     | NULL    |       |
| PRODUCT_TYPE_CD | varchar(255)  | YES  | MUL | NULL    |       |
+-----+-----+-----+-----+-----+-----+
5 rows in set (0.00 sec)
```

```
mysql> INSERT INTO product(PRODUCT_CD,DATE_OFFERED,DATE_RETIRED,NAME,PRODUCT_TYPE_CD)
-> VALUES ('ABC','11-111-11','DEF','account','loan');
Query OK, 1 row affected, 2 warnings (0.39 sec)
```

```
mysql> INSERT INTO product(PRODUCT_CD,DATE_OFFERED,DATE_RETIRED,NAME,PRODUCT_TYPE_CD)
-> VALUES ('DEF','11-111-11','DEF','account','loan');
Query OK, 1 row affected, 2 warnings (0.12 sec)
```

```
mysql> INSERT INTO product(PRODUCT_CD,DATE_OFFERED,DATE_RETIRED,NAME,PRODUCT_TYPE_CD)
-> VALUES ('GHI','11-111-11','DEF','account','loan');
Query OK, 1 row affected, 2 warnings (0.12 sec)
```

```
mysql> UPDATE product SET DATE_RETIRED = 'HELL'
-> WHERE PRODUCT_ID = 'AUT';
ERROR 1054 (42S22): Unknown column 'PRODUCT_ID' in 'where clause'
mysql> UPDATE product SET DATE_RETIRED = 'HELL'
-> WHERE PRODUCT_CD = 'AUT';
Query OK, 1 row affected, 1 warning (0.06 sec)
Rows matched: 1 Changed: 1 Warnings: 1
```

```
mysql> UPDATE product SET DATE_RETIRED = 'HELL'
-> WHERE PRODUCT_CD = 'BUS';
Query OK, 1 row affected, 1 warning (0.13 sec)
Rows matched: 1 Changed: 1 Warnings: 1
```

```
mysql> UPDATE product SET DATE_RETIRED = 'HELL'
-> WHERE PRODUCT_CD = 'CD';
Query OK, 1 row affected, 1 warning (0.04 sec)
Rows matched: 1 Changed: 1 Warnings: 1
```