

OUTPUT

a)

```
CREATE TABLE account (  
  -> account_no int NOT NULL,  
  -> customer_name varchar(15),  
  -> balance decimal(10,2) DEFAULT 0,  
  -> PRIMARY KEY (account_no));
```

account_no	customer_name	balance
1	Sujith	5000.00
2	James	6000.00
3	Jelan	8500.00
4	Bob	8000.00
5	Charlie	9000.00

```
mysql> START TRANSACTION;
```

Query OK, 0 rows affected (0.00 sec)

```
mysql> UPDATE account
```

```
  -> SET balance = balance + 3000
```

```
  -> WHERE customer_name = 'Sujith';
```

Query OK, 1 row affected (0.00 sec)

Rows matched: 1 Changed: 1 Warnings: 0

```
mysql> SELECT * FROM account;
```

account_no	customer_name	balance
1	Sujith	8000.00
2	James	6000.00
3	Jelan	8500.00
4	Bob	8000.00
5	Charlie	9000.00

5 rows in set (0.00 sec)

```
mysql> SAVEPOINT save1;
```

Query OK, 0 rows affected (0.00 sec)

b)

```
mysql> UPDATE account
```

```
  -> SET balance = balance + 1000
```

```
  -> WHERE customer_name = 'Jelan';
```

Query OK, 1 row affected (0.00 sec)

Rows matched: 1 Changed: 1 Warnings: 0

```
mysql> SELECT * FROM account;
```

```

+-----+-----+-----+
| account_no | customer_name | balance |
+-----+-----+-----+
|          1 | Sujith        | 8000.00 |
|          2 | James         | 6000.00 |
|          3 | Jelan         | 9500.00 |
|          4 | Bob           | 8000.00 |
|          5 | Charlie       | 9000.00 |
+-----+-----+-----+
5 rows in set (0.00 sec)

```

```

mysql> ROLLBACK TO save1;
Query OK, 0 rows affected (0.00 sec)

```

```

mysql> SELECT * FROM account;
+-----+-----+-----+
| account_no | customer_name | balance |
+-----+-----+-----+
|          1 | Sujith        | 8000.00 |
|          2 | James         | 6000.00 |
|          3 | Jelan         | 8500.00 |
|          4 | Bob           | 8000.00 |
|          5 | Charlie       | 9000.00 |
+-----+-----+-----+
5 rows in set (0.00 sec)

```

```

mysql> COMMIT;
Query OK, 0 rows affected (0.00 sec)

```