

Fundamentals of Data Management

– 2019HS2 | 101624964 | Jimmy Trac

Pass Task 8.1.5

– a)

Changing the ship date of one of the purchases requires some input data:

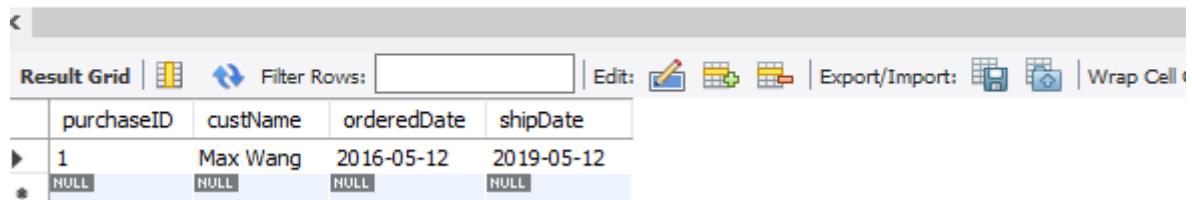
```
1 INSERT into Purchase (custName, shipDate, orderedDate) VALUES ('Max Wang', '2016-05-12', '2016-05-12');
2 INSERT into PurchasedItem VALUES (1, 113, 'AProduct', 1, 100);
```

Using the UPDATE keyword, the following statement was used to alter the shipping date:

```
1 UPDATE Purchase SET shipDate='2019-05-12' WHERE PurchaseID=1;
```

This gives the following output:

```
24 • UPDATE Purchase SET shipDate='2019-05-12' WHERE PurchaseID=1;
25 • select * from purchase;
```



The screenshot shows a database interface with a toolbar and a result grid. The toolbar includes buttons for 'Result Grid', 'Filter Rows', 'Edit', 'Export/Import', and 'Wrap Cell'. The result grid displays the following data:

	purchaseID	custName	orderedDate	shipDate
▶	1	Max Wang	2016-05-12	2019-05-12
*	NULL	NULL	NULL	NULL

and:

```
52 11:22:14 UPDATE Purchase SET shipDate='2019-05-12' WHERE PurchaseID=1 1 row(s) affected Rows matched: 1 Changed: 1 Warnings: 0
53 11:22:30 select * from purchase LIMIT 0, 1000 1 row(s) returned
```

Hence, indicating successful alteration of the Purchase table.

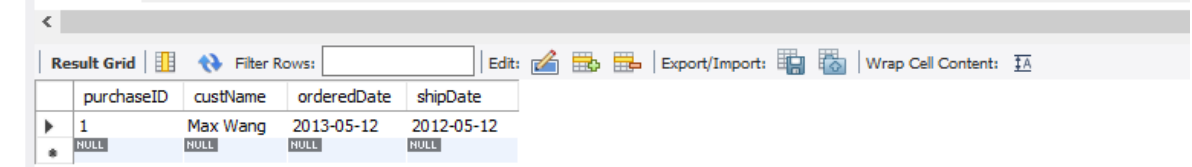
– b)

Updating two values at a time using the UPDATE keyword uses the following statement:

```
1 UPDATE Purchase SET shipDate='2012-05-12', orderedDate='2013-05-12' WHERE PurchaseID=1;
```

Giving the following outputs:

```
27 • UPDATE Purchase SET shipDate='2012-05-12', orderedDate='2013-05-12' WHERE PurchaseID=1;
28 • select * from purchase;
```



The screenshot shows a database interface with a toolbar and a result grid. The toolbar includes buttons for 'Result Grid', 'Filter Rows', 'Edit', 'Export/Import', and 'Wrap Cell Content'. The result grid displays the following data:

	purchaseID	custName	orderedDate	shipDate
▶	1	Max Wang	2013-05-12	2012-05-12
*	NULL	NULL	NULL	NULL

```
58 11:25:11 UPDATE Purchase SET shipDate='2012-05-12', orderedDate='2013-05-12' WHERE PurchaseID=1 1 row(s) affected Rows matched: 1 Changed: 1 Warnings: 0
59 11:25:11 select * from purchase LIMIT 0, 1000 1 row(s) returned
```

