Fundamentals of Data Management

Pass Task 8.1.1

```
 3
 4  •  ⊖  CREATE TABLE Purchase(
 5         purchaseID int unsigned not null auto_increment,
 6         custName VARCHAR (30) not null,
 7         orderedDate DATE not null,
 8         shipDate DATE,
 9         PRIMARY KEY (purchaseID));
10  •  ⊖  CREATE TABLE PurchasedItem(
11         purchaseID int unsigned not null,
12         itemNo int unsigned not null,
13         productName VARCHAR(30) not null,
14         orderedQty TINYINT unsigned not null,
15         quotedPrice DECIMAL(5, 2) not null,
16         PRIMARY KEY (purchaseID, itemNo),
17         FOREIGN KEY (purchaseID) REFERENCES Purchase(purchaseID));
18
19  •     SET AUTOCOMMIT = false;
```


The insert statement fails as there is no accompanying `purchaseID` in the purchases table. (value 111).

To make the insert work:

```
1   SET AUTOCOMMIT = false;
2
3   INSERT INTO Purchase (purchaseID, custName, orderedDate, shipDate)
4   VALUES (113, 'klim', '2019-05-05', '2019-05-06');
5
6   INSERT INTO PurchasedItem (purchaseID, itemNo, productName, orderedQty, quotedPrice)
7   VALUES (113, 1, 'Lawn mower', 3, 105.30);
8
9   COMMIT;
```

```
1 •  SET AUTOCOMMIT = false;

2

3 •  INSERT INTO Purchase (purchaseID, custName, orderedDate, shipDate)
4    VALUES (113, 'klim', '2019-05-05', '2019-05-06');

5

6 •  INSERT INTO PurchasedItem (purchaseID, itemNo, productName, orderedQty,
7    VALUES (113, 1, 'Lawn mower', 3, 105.30);

8

9 •  COMMIT;
```

Action Output ▾
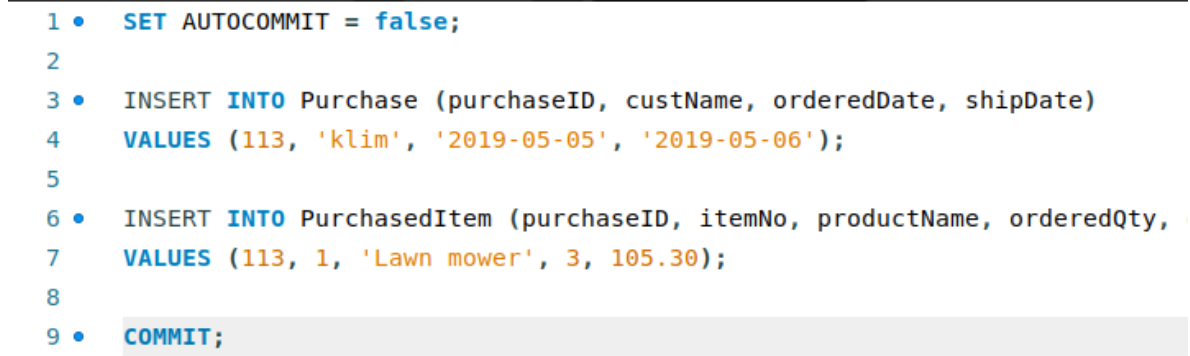
#	Time	Action	Message
22	13:01:35	SET AUTOCOMMIT = false	0 row(s) affected
23	13:01:35	INSERT INTO Purchase (purchaseID, custName, ordered...	1 row(s) affected
24	13:01:35	INSERT INTO PurchasedItem (purchaseID, itemNo, prod...	1 row(s) affected
25	13:01:35	rollback	0 row(s) affected
26	13:01:43	SET AUTOCOMMIT = false	0 row(s) affected
27	13:01:43	INSERT INTO Purchase (purchaseID, custName, ordered...	1 row(s) affected
28	13:01:43	INSERT INTO PurchasedItem (purchaseID, itemNo, prod...	1 row(s) affected
29	13:01:43	COMMIT	0 row(s) affected