

ASSIGNMENT 5

18.75/20 Excellent

NEERAJ KUMAR REDDY PANTA

/*Query a*/

```
INSERT INTO Customer(cust_fname, cust_lname, cust_balance, entered_by)
VALUES('Jeane', 'Smith', 1050.11, 'gdf30')
```

```
INSERT INTO Customer(cust_fname, cust_lname, cust_balance, entered_by)
VALUES('Juan', 'Ortega', 840.92, 'gdf30')
```

100 %

Messages

(1 row affected)

(1 row affected)

Completion time: 2022-03-02T00:22:33.3633745-06:00

```
SELECT cust_num, cust_fname, cust_lname, cust_balance, entered_by
FROM Customer
WHERE entered_by = 'gdf30'
```

100 %

Results Messages

	cust_num	cust_fname	cust_lname	cust_balance	entered_by
1	1007	Jeane	Smith	1050.11	gdf30
2	1008	Juan	Ortega	840.92	gdf30

```

/*Query b*/
INSERT INTO Invoice(inv_num,cust_num,inv_date,inv_amount,entered_by)
VALUES(8000, 1007, '2016-03-23', 235.89, 'gdf30')

INSERT INTO Invoice(inv_num,cust_num,inv_date,inv_amount,entered_by)
VALUES(8001, 1008, '2016-03-23', 312.82, 'gdf30')

INSERT INTO Invoice(inv_num,cust_num,inv_date,inv_amount,entered_by)
VALUES(8002, 1008, '2016-03-30', 528.10, 'gdf30')

INSERT INTO Invoice(inv_num,cust_num,inv_date,inv_amount,entered_by)
VALUES(8003, 1007, '2016-04-12', 194.78, 'gdf30')

INSERT INTO Invoice(inv_num,cust_num,inv_date,inv_amount,entered_by)
VALUES(8004, 1008, '2016-04-23', 619.44, 'gdf30')

```

100 %

Messages

(1 row affected)
 (1 row affected)
 (1 row affected)
 (1 row affected)
 (1 row affected)

Per Fig. P8.16, dates should have been entered as DD-Mon-YY (e.g. '23-Mar-16' -0.75

Completion time: 2022-03-04T01:08:32.0764309-06:00

```

SELECT inv_num, cust_num, inv_date, inv_amount, entered_by
FROM Invoice
WHERE entered_by = 'gdf30'

```

100 %

Results Messages

	inv_num	cust_num	inv_date	inv_amount	entered_by
1	8000	1007	2016-03-23	235.89	gdf30
2	8001	1008	2016-03-23	312.82	gdf30
3	8002	1008	2016-03-30	528.10	gdf30
4	8003	1007	2016-04-12	194.78	gdf30
5	8004	1008	2016-04-23	619.44	gdf30

For display, the dates should have been formatted as DD-Mon-YY (e.g. 23-Mar-16)

```
/*Query c*/
```

```
UPDATE Invoice  
SET inv_amount = 350.00  
WHERE entered_by = 'gdf30' and inv_num = 8000  
  
UPDATE Invoice  
SET inv_amount = 450.00  
WHERE entered_by = 'gdf30' and inv_num = 8001
```



100 %

Messages

(1 row affected)

(1 row affected)

Completion time: 2022-03-04T01:24:09.1923783-06:00

```
SELECT inv_num,cust_num,inv_date,inv_amount,entered_by  
FROM Invoice  
WHERE inv_num in (8000,8001) and entered_by = 'gdf30'
```

100 %

Results Messages

	inv_num	cust_num	inv_date	inv_amount	entered_by
1	8000	1007	2016-03-23	350.00	gdf30
2	8001	1008	2016-03-23	450.00	gdf30



```
/* Query d*/
```

```
DELETE
FROM Invoice
WHERE entered_by = 'gdf30' and inv_num = 8003 inv_num in (8003, 8004) 0.5

DELETE
FROM Invoice
WHERE entered_by = 'gdf30' and inv_num = 8004
```

100 %

Messages

(1 row affected)

(1 row affected)

Completion time: 2022-03-04T01:38:32.0869291-06:00

```
SELECT inv_num,cust_num,inv_date,inv_amount,entered_by
FROM Invoice
WHERE entered_by = 'gdf30'
```

100 %

Results Messages

	inv_num	cust_num	inv_date	inv_amount	entered_by
1	8000	1007	2016-03-23	350.00	gdf30
2	8001	1008	2016-03-23	450.00 ✓	gdf30
3	8002	1008	2016-03-30	528.10	gdf30

/*Query e*/

CREATE VIEW gdf30JoinedTables

AS

```
(SELECT C.cust_num, CONCAT(cust_fname, ' ', cust_lname) AS [FullName], inv_num,
    FORMAT(inv_date, 'M/dd/yyyy') AS inv_date, FORMAT(inv_amount, 'C2') AS [inv_amount],
    FORMAT(cust_balance, 'C2') AS [cust_balance], C.entered_by
FROM Customer C INNER JOIN Invoice Inv
    ON C.cust_num = Inv.cust_num)
```

100 %

Messages

Commands completed successfully.

Completion time: 2022-03-04T19:04:40.0406903-06:00

```
SELECT cust_num, FullName, inv_num, inv_date, inv_amount, cust_balance, entered_by
FROM gdf30JoinedTables
WHERE entered_by = 'gdf30'
```

100 %

Results Messages

	cust_num	FullName	inv_num	inv_date	inv_amount	cust_balance	entered_by
1	1007	Jeane Smith	8000	3/23/2016	\$350.00	\$1,050.11	gdf30
2	1008	Juan Ortega	8001	3/23/2016	\$450.00	\$840.92	gdf30
3	1008	Juan Ortega	8002	3/30/2016	\$528.10	\$840.92	gdf30

