

NEERAJ KUMAR REDDY PANTA

ASSIGNMENT 3

```
/* Query a */
```

```
SELECT cus_code, L.inv_number, p_descript AS [Description], line_units AS [Units Bought],  
       line_price AS [Unit Price], FORMAT((line_units * p_price), 'N2') AS [Subtotal]  
FROM (invoice Inv INNER JOIN line L  
      ON Inv.inv_number = L.inv_number)  
      INNER JOIN product P ON L.p_code = P.p_code  
WHERE Inv.cus_code IN (10012, 10015, 10018)  
ORDER BY Inv.cus_code ASC, (line_units * p_price) DESC
```

100 %

Results Messages

	cus_code	inv_number	Description	Units Bought	Unit Price	Subtotal
1	10012	1003	7.25-in. pwr. saw blade	5.00	14.99	74.95
2	10012	1003	Hrd. cloth, 1/4-in., 2x50	1.00	39.95	39.95
3	10012	1003	B&D cordless drill, 1/2-in.	1.00	38.95	38.95
4	10015	1007	7.25-in. pwr. saw blade	2.00	14.99	29.98
5	10015	1007	Rat-tail file, 1/8-in. fine	1.00	4.99	4.99
6	10018	1005	PVC pipe, 3.5-in., 8-ft	12.00	5.87	70.44

```
/* Query b */
```

```
SELECT DISTINCT(C.cus_code),cus_lname AS [Cust. Name],  
               FORMAT(cus_balance, 'C2') AS [Outstanding Balance]  
FROM Customer C INNER JOIN Invoice Inv  
    ON C.cus_code = Inv.cus_code  
WHERE cus_balance = 0.00  
ORDER BY cus_code
```

100 %

Results Messages

	cus_code	Cust. Name	Outstanding Balance
1	10011	Dunne	\$0.00
2	10014	Orlando	\$0.00
3	10015	O'Brian	\$0.00

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

```
SELECT FORMAT(MIN(cus_balance), 'C2') AS [Minimum Balance],  
        FORMAT(MAX(cus_balance), 'C2') AS [Maximum Balance],  
        FORMAT(AVG(cus_balance), 'C2') AS [Average Balance]  
FROM customer C INNER JOIN invoice Inv  
ON C.cus_code = Inv.cus_code
```

100 %

Results Messages

	Minimum Balance	Maximum Balance	Average Balance
1	\$0.00	\$345.86	\$70.30

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

```
SELECT C.cus_code, CONCAT(cus_fname, ' ', cus_lname) AS [Cust. Name],  
       inv_number AS [Invoice #], FORMAT(inv_date, 'M/dd/yyyy') AS [Invoice Date],  
       FORMAT(cus_balance, 'C2', 'en-US') AS [Outstanding Balance]  
FROM customer C LEFT OUTER JOIN invoice Inv  
    ON C.cus_code = Inv.cus_code  
WHERE (cus_balance > 0.00) AND (inv_number IS NULL)  
ORDER BY cus_balance DESC
```

100 %

Results Messages

	cus_code	Cust. Name	Invoice #	Invoice Date	Outstanding Balance
1	10017	George Williams	NULL	NULL	\$768.93
2	10013	Paul Olowski	NULL	NULL	\$536.75
3	10016	James Brown	NULL	NULL	\$221.19

