

```
/* QUERY 1 -----> (Question 19) */
```

```
SELECT SUM(Total_Invoices) AS [Total Invoices],  
       FORMAT(CAST(ROUND(SUM(Total_Sales),2) AS NUMERIC(18,2)), 'C') AS [Total Sales],  
       FORMAT(CAST(ROUND(MIN(Total_Sales),2) AS NUMERIC(18,2)), 'C') AS [Minimum Customer Purchases],  
       FORMAT(CAST(ROUND(MAX(Total_Sales),2) AS NUMERIC(18,2)), 'C') AS [Largest Customer Purchases],  
       FORMAT(CAST(ROUND(AVG(Total_Sales),2) AS NUMERIC(18,2)), 'C') AS [Average Customer Purchases]  
FROM (SELECT DISTINCT Inv.cus_code, COUNT(DISTINCT Inv.inv_number) AS [Total_Invoices],  
      SUM(line_price * line_units) AS [Total_Sales]  
FROM (customer C INNER JOIN INVOICE Inv  
      ON C.cus_code = Inv.cus_code) INNER JOIN LINE L  
      ON Inv.inv_number = L.inv_number  
GROUP BY Inv.cus_code) Purchase_Details_of_Customer
```



100 %


Results Messages

| | Total Invoices | Total Sales | Minimum Customer Purchases | Largest Customer Purchases | Average Customer Purchases |
|---|----------------|-------------|----------------------------|----------------------------|----------------------------|
| 1 | 8 | \$1,126.03 | \$34.97 | \$444.00 | \$225.21 |



```
/* QUERY 2 -----> (Question 23) */
```

```
SELECT cus_code as [CUS_CODE], FORMAT(cus_balance, 'C2') as [CUS_BALANCE]  
FROM Customer  
WHERE cus_code NOT IN (SELECT cus_code  
                        FROM Invoice)
```



100 %

Results Messages

| | CUS_CODE | CUS_BALANCE |
|---|----------|-------------|
| 1 | 10010 | \$0.00 |
| 2 | 10013 | \$536.75 |
| 3 | 10016 | \$221.19 |
| 4 | 10017 | \$768.93 |
| 5 | 10019 | \$0.00 |

```
/* QUERY 3 -----> (Question 24) */
```

```
SELECT SUM(cus_balance) AS [Total Balance], MIN(cus_balance) AS [Minimum Balance],  
       MAX(cus_balance) AS [Maximum Balance],  
       CAST(ROUND(AVG(cus_balance),2) AS NUMERIC(9,2)) AS [Average Balance]  
FROM Customer      Use Format() -0.5  
WHERE cus_code NOT IN (SELECT cus_code  
                        FROM Invoice)
```

100 %

Results Messages

| | Total Balance | Minimum Balance | Maximum Balance | Average Balance | |
|---|---------------|-----------------|-----------------|-----------------|---|
| 1 | 1526.87 | 0.00 | 768.93 | 305.37 | ✓ |

