1.What are the names of all customers who have placed orders?

select c.customerID,c.customerName from customer\_t c, order\_t o

where c.customerID = o.customerID

|  |  |
| --- | --- |
| 1 | Contemporary Casuals |
| 1 | Contemporary Casuals |
| 2 | Value Furniture |
| 3 | Home Furnishings |
| 4 | Eastern Furniture |
| 5 | Impressions |
| 8 | California Classics |
| 11 | American Euro Lifestyles |
| 12 | Battle Creek Furniture |
| 15 | Mountain Scenes |

2. What are the product descriptions ordered by the customer ID, 1?

select distinct prod.ProductDescription from product\_t as prod natural join

orderline\_t as ordl natural join

customer\_t as cust, order\_t as ord

where ord.CustomerId = cust.CustomerID

and ord.OrderId = ordl.OrderId

and prod.ProductId = ordl.ProductId

and cust.customerID = 1;

|  |
| --- |
| End Table |
| Coffee Table |
| Entertainment Center |
| Computer Desk |

3. What are the product descriptions ordered by the customer, ‘Impressions’?

select distinct prod.ProductDescription from product\_t as prod natural join

orderline\_t as ordl natural join

customer\_t as cust, order\_t as ord

where ord.CustomerId = cust.CustomerID

and ord.OrderId = ordl.OrderId

and prod.ProductId = ordl.ProductId

and cust.customerName = 'Impressions';

|  |
| --- |
| 8-Drawer Desk |
| Computer Desk |

4. List all customers’ names that have placed an order that contains a product whose standard price is over 500.

select cust.customerName,prod.ProductStandardPrice from product\_t as prod natural join

orderline\_t as ordl natural join

customer\_t as cust, order\_t as ord

where ord.CustomerId = cust.CustomerID

and ord.OrderId = ordl.OrderId

and prod.ProductId = ordl.ProductId

and prod.ProductStandardPrice>500;

|  |  |
| --- | --- |
| Contemporary Casuals | 650.00 |
| Home Furnishings | 650.00 |
| Value Furniture | 650.00 |
| Eastern Furniture | 650.00 |
| Impressions | 750.00 |
| Value Furniture | 800.00 |
| Eastern Furniture | 800.00 |

5. List all customers. Print the order ID (s) along the customer information if they have submitted the order(s).

select c.customerID,c.customerName,o.orderID from customer\_t c, order\_t o

where c.customerID = o.customerID;

|  |  |  |
| --- | --- | --- |
| 1 | Contemporary Casuals | 1001 |
| 1 | Contemporary Casuals | 1010 |
| 2 | Value Furniture | 1006 |
| 3 | Home Furnishings | 1005 |
| 4 | Eastern Furniture | 1009 |
| 5 | Impressions | 1004 |
| 8 | California Classics | 1002 |
| 11 | American Euro Lifestyles | 1007 |
| 12 | Battle Creek Furniture | 1008 |
| 15 | Mountain Scenes | 1003 |

6. Display the subtotal amount of each orderline in each order

select ordl.productID,sum(prod.ProductStandardPrice) from orderline\_t as ordl join

product\_t as prod

where

ordl.ProductId = prod.ProductId

group by ordl.ProductId

order by ordl.ProductId;

|  |  |
| --- | --- |
| 1 | 350.00 |
| 2 | 400.00 |
| 3 | 1125.00 |
| 4 | 2600.00 |
| 5 | 325.00 |
| 6 | 750.00 |
| 7 | 1600.00 |
| 8 | 750.00 |

7. Display the total amount of each order

select ordl.orderID,sum(prod.ProductStandardPrice) from product\_t as prod join

orderline\_t as ordl

where

ordl.ProductId = prod.ProductId

group by ordl.orderID

order by ordl.orderID;

|  |  |
| --- | --- |
| 1001 | 1025.00 |
| 1002 | 375.00 |
| 1003 | 375.00 |
| 1004 | 1000.00 |
| 1005 | 650.00 |
| 1006 | 1775.00 |
| 1007 | 375.00 |
| 1008 | 625.00 |
| 1009 | 1450.00 |
| 1010 | 250.00 |

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