

Team 4 - Nirajan Bhattarai, Devon Breshears

INFO 5507 Database Design Implementation

Deliverable 4: Query Design 1

Query 1

Show query box

Showing rows 0-4 (5 total, Query took 0.0005 seconds.)

```
SELECT productCategory.modelDescription, productCategory.modelManufacture FROM productCategory WHERE productCategory.modelManufacture LIKE "A_r%"
```

modelDescription	modelManufacture
Hang Glider - Eagle 180	Aeros
Hang Glider - Pulse	Airwave
Kiteboard - Reactor 2012	Airrush
Hang Glider - Stalker	Aeros
Hang Glider - Stealth 151	Aeros

Query 2

Show query box

Showing rows 0 - 4 (5 total, Query took 0.0006 seconds.) [Commission Earned: 13320.000... - 3410.000...]

```
SELECT salesperson.salespersonNum, employee.lastName, employee.firstName, salesperson.salespersonSalesCount, salesperson.salespersonSalesAmount, salesperson.salespersonCommissionPercent * salesperson.salespersonSalesAmount AS 'Commission Earned' FROM employee, salesperson WHERE employee.employeeNum = salesperson.salespersonNum ORDER BY 'Commission Earned' DESC
```

salespersonNum	employeeLastName	employeeFirstName	salespersonSalesCount	salespersonSalesAmount	Commission Earned = 1
1	Hall	Meredith	74	444000	13320.000
3	Teel	Lee	51	295800	7395.000
4	Fries	Jim	46	271400	6785.000
6	Long	Tom	34	207400	5185.000
2	Davis	Art	22	136400	3410.000

Query 3

Show query box

Showing rows 0 - 10 (11 total, Query took 0.0012 seconds.)

```
SELECT customer.customerNum, CONCAT(customer.customerFirstName, ' ', customer.customerLastName) AS 'Customer Name', transaction.salesAgreementNum, itemSold.equipmentSalePrice, SUM(equipmentSalePrice) AS 'Purchase Total' FROM customer INNER JOIN transaction ON customer.customerNum = transaction.customerNum INNER JOIN saleLineItem ON transaction.salesAgreementNum = saleLineItem.salesAgreementNum INNER JOIN itemSold ON saleLineItem.equipmentSerialNum = itemSold.equipmentSerialNum GROUP BY customerNum, salesAgreementNum
```

customerNum	Customer Name	salesAgreementNum	equipmentSalePrice	Purchase Total
1	Walter Jones	10000000	5500.00	10230.00
1	Walter Jones	10000008	5940.00	5940.00
1	Walter Jones	10000009	2860.00	2860.00
2	Bert Smith	10000001	2640.00	2640.00
3	Janice Mall	10000002	4620.00	4620.00
4	Jim "Great" Dane	10000003	5720.00	5720.00
4	Jim "Great" Dane	10000010	2860.00	2860.00
5	Edna James	10000004	4070.00	8140.00
6	Walt Etheridge	10000005	5170.00	10450.00
7	Edward Haskell	10000006	5940.00	5940.00
8	Ed Wallace	10000007	5500.00	5500.00

Query 4

Show query box

Showing rows 0 - 1 (2 total, Query took 0.0007 seconds.)

```
SELECT CONCAT(customer.customerFirstName, ' ', customer.customerLastName) AS 'Customer Name', itemSold.equipmentSerialNum, itemSold.modelNum, productCategory.modelDescription, transaction.salesAgreementDate FROM customer, transaction, itemSold, saleLineItem, productCategory WHERE customer.customerNum = transaction.customerNum AND transaction.salesAgreementNum = saleLineItem.salesAgreementNum AND saleLineItem.equipmentSerialNum = itemSold.equipmentSerialNum AND itemSold.modelNum = productCategory.modelNum AND transaction.salesAgreementDate = '2020-06-21'
```

Customer Name	equipmentSerialNum	modelNum	modelDescription	salesAgreementDate
Walter Jones	266453	7	Hang Glider - Stealth 151	2020-06-21
Ed Wallace	194311	10	Paraglider - Tequila	2020-06-21

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Query 5

Show query box

✓ Showing rows 0 - 0 (1 total, Query took 0.0038 seconds.)

```
SELECT productOrder.orderNum, productOrder.orderDatePlaced, productOrder.orderDateReceived, supplier.supplierNum, supplier.supplierName, supplier.supplierContact,
supplier.supplierPhone FROM productOrder, supplier WHERE productOrder.supplierNum = supplier.supplierNum AND productOrder.orderDatePlaced < CURRENT_DATE - INTERVAL 1 MONTH AND
productOrder.orderDateReceived IS NULL ORDER BY productOrder.orderDatePlaced ASC
```

orderNum	orderDatePlaced	orderDateReceived	supplierNum	supplierName	supplierContact	supplierPhone
12	2021-02-04	NULL	6	Quicksilver	Todd Ellefson	(951) 506-0061