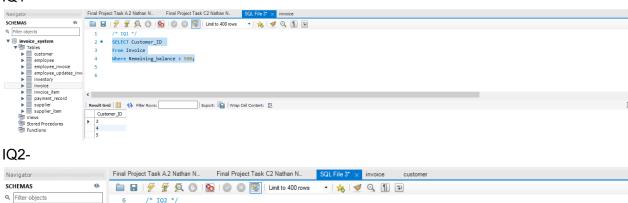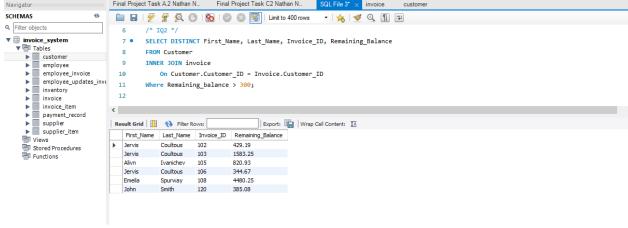# NATHAN NAUMAN FINAL PROJECT PART C4 IMAGES
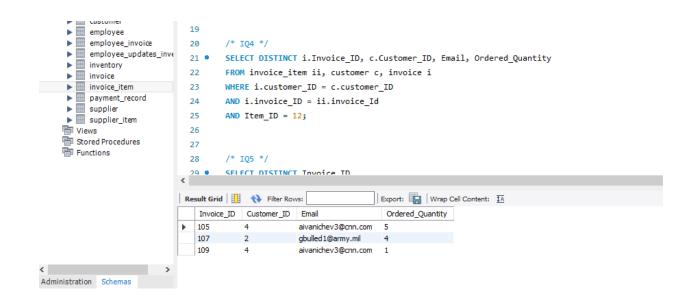
IQ1-


```
1    /* IQ1 */
2  • SELECT Customer_ID
3    From Invoice
4    Where Remaining_balance > 500;
5
6
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

Customer_ID
3
4
5

IQ2-


```
6    /* IQ2 */
7  • SELECT DISTINCT First_Name, Last_Name, Invoice_ID, Remaining_Balance
8    FROM Customer
9    INNER JOIN invoice
10       On Customer.Customer_ID = Invoice.Customer_ID
11   Where Remaining_balance > 300;
12
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

First_Name	Last_Name	Invoice_ID	Remaining_Balance
Jervis	Coultous	102	429.19
Jervis	Coultous	103	1583.25
Alivn	Ivanichev	105	820.93
Jervis	Coultous	106	344.67
Emeila	Spurway	108	4480.25
John	Smith	120	385.08

IQ3-


```
7  • SELECT DISTINCT First_Name, Last_Name, Invoice_ID, Remaining_Balance
8    FROM Customer
9    INNER JOIN invoice
10       On Customer.Customer_ID = Invoice.Customer_ID
11   Where Remaining_balance > 300;
12
13   /* IQ3 */
14 • SELECT DISTINCT Customer_ID, I.Invoice_ID, Invoice_Date, Total_Price, Remaining_Balance, Payment_Record_ID, Payment_Amount, Payment_Method
15   FROM Invoice i, employee_invoice e, Payment_Record p
16          WHERE i.Invoice_ID = p.Invoice_ID
17          AND i.Invoice_ID = e.Invoice_ID
18          AND Customer_ID = 3;
19
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

Customer_ID	Invoice_ID	Invoice_Date	Total_Price	Remaining_Balance	Payment_Record_ID	Payment_Amount	Payment_Method
3	102	2015-01-06	2892.19	429.19	512	2400.00	Cash
3	103	2015-01-09	3933.25	1583.25	131	1150.00	Cash
3	103	2015-01-09	3933.25	1583.25	132	1200.00	Check
3	106	2015-01-15	3844.67	344.67	451	3500.00	Cash

IQ 4-

```
19
20      /* IQ4 */
21 ●    SELECT DISTINCT i.Invoice_ID, c.Customer_ID, Email, Ordered_Quantity
22      FROM invoice_item ii, customer c, invoice i
23      WHERE i.customer_ID = c.customer_ID
24      AND i.invoice_ID = ii.invoice_Id
25      AND Item_ID = 12;
26
27
28      /* IQ5 */
29 ●    SELECT DISTINCT Invoice_ID
```

Invoice_ID	Customer_ID	Email	Ordered_Quantity
105	4	aivanichev3@cnn.com	5
107	2	gbulled1@army.mil	4
109	4	aivanichev3@cnn.com	1

IQ 5 -

```
26
27      /* IQ5 */
28 ●    SELECT DISTINCT Invoice_ID
29      From employee_invoice
30      WHERE Invoice_date BETWEEN '2015-01-06' AND '2015-02-07';
31
```

Invoice_ID
101
102
103
104
106
107
109

IQ 6 -

```
32        /* IQ6 */
33 ●      SELECT SUM(Total_Price) TOTAL
34        FROM invoice
35        WHERE invoice_ID = 101 or 102 or 103 or 104 or 106 or 107 or 109;
36
37
```

Result Grid | Filter Rows: [   ] | Export: | Wrap Cell Content:

TOTAL
▶ 38554.78

IQ 7 -

- ▶ invoice
- ▶ invoice_item
- ▶ payment_record
- ▶ supplier
- ▶ supplier_item
- Views
- Stored Procedures
- Functions

```
36
37        /* IQ7 */
38 ●      SELECT s.Supplier_ID, Sup_Name, Address, Postal_Code, Phone_Number, Email, Cost_Price
39        FROM supplier_item i, supplier s
40        WHERE i.Supplier_ID = s.Supplier_ID
41        AND Item_ID = 10;
42
```

Result Grid | Filter Rows: [   ] | Export: | Wrap Cell Content:

Supplier_ID	Sup_Name	Address	Postal_Code	Phone_Number	Email	Cost_Price
▶ 4	Kshlerin, Bednar and Denesik	57 Lawn Pass	53098	359-442-5927	KshlerinBednarandDenesik@gmail.com	279.74
6	Kautzer LLC	55 Packers Drive	53212	147-555-8000	KautzerLLC@gmail.com	279.74

IQ 8 -

```
44        /* IQ8 */
45 ●      SELECT Invoice_Date, Invoice_Time, e.Employee_ID, First_Name, Last_Name, Ordered_Quantity, Unit_Price, (ordered_quantity*unit_price) as SubTotal
46        From invoice_item i, Employee e, employee_invoice ei
47        Where ei.Employee_ID = e.Employee_ID
48        AND  i.invoice_ID = ei.invoice_ID
49        AND i.Invoice_ID = 109;
50
```

Result Grid | Filter Rows: [   ] | Export: | Wrap Cell Content:

Invoice_Date	Invoice_Time	Employee_ID	First_Name	Last_Name	Ordered_Quantity	Unit_Price	SubTotal
▶ 2015-02-07	10:45:00	7	Georas	Breche	4	295.73	1182.92
2015-02-07	10:45:00	7	Georas	Breche	1	396.71	396.71
2015-02-07	10:45:00	7	Georas	Breche	5	276.98	1384.90
2015-02-07	10:45:00	7	Georas	Breche	3	255.71	767.13
2015-02-07	10:45:00	7	Georas	Breche	1	158.62	158.62
2015-02-07	10:45:00	7	Georas	Breche	1	603.50	603.50
2015-02-07	10:45:00	7	Georas	Breche	1	639.64	639.64

IQ 9 -

- ▶ payment_record
- ▶ supplier
- ▶ supplier_item
- Views
- Stored Procedures
- Functions

```
47
48        /* IQ9 */
49 •      SELECT MIN(Total_Price) as MinPrice, Max(Total_Price) as MaxPrice, AVG(Total_Price) as AvgPrice
50        FROM Invoice;
51
```

Result Grid | Filter Rows: [   ] | Export: | Wrap Cell Content: 🅰

MinPrice	MaxPrice	AvgPrice
420.31	7417.06	3855.478000

IQ 10 -

- ▶ employee
- ▶ employee_invoice
- ▶ employee_updates_inv
- ▶ inventory
- ▶ invoice
- ▶ invoice_item
- ▶ payment_record
- ▶ supplier
- ▶ supplier_item
- Views
- Stored Procedures
- Functions

```
51
52
53        /* IQ10 */
54 •      SELECT e.Item_ID, Supplier_ID
55        FROM Employee_updates_inventory e, supplier_item s
56        WHERE e.item_ID = s.item_ID
57        AND Available_quantity < 20;
58
59
```

Result Grid | Filter Rows: [   ] | Export: | Wrap Cell Content: 🅰

Item_ID	Supplier_ID
14	1
15	10
8	5

nistration   Schemas

IQ EC -

```
58
59          /* IQ EC */
60  •       SELECT Item_ID, Sum(ordered_quantity) as HighestDemand
61          From invoice_Item
62          group by Item_ID;
63
```

Result Grid | Filter Rows: [   ] | Export: | Wrap Cell Content: 🔠

Item_ID	HighestDemand
12	10
17	9
20	9
10	8
8	8
9	8
11	6
2	6
1	5
13	5
16	5
18	4
3	4
4	3
7	3
15	2
19	2
6	1

varchar(5
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varchar(5
PK
int
decimal(1

Result 23 ×