

Q1

```
SQLQuery1.sql - lo...COG7SQ\areej (54)* ✎ X Object Explorer
```

```
SELECT *  
FROM OEHR_ORDERS  
WHERE SUBSTRING(ORDER_DATE,8,2) >= 13;
```

```
SELECT *  
FROM OEHR_JOB_HISTORY  
WHERE YEAR(START_DATE) >= 2010 AND YEAR(END_DATE) <= 2015;
```

```
SELECT ORDER_MODE, ORDER_STATUS, COUNT(*)  
FROM OEHR_ORDERS  
GROUP BY ORDER_MODE, ORDER_STATUS;
```

```
SELECT DEPARTMENT_ID, COUNT(*), SUM(SALARY), AVG(SALARY)  
FROM OEHR_EMPLOYEES
```

120 %

Results Messages

	ORDER_ID	ORDER_DATE	ORDER_MODE	CUSTOMER_ID	ORDER_STATUS	ORDER_TOTAL	SALES REP_ID	PROMOTION_ID
1	2354	03-JAN-21 05.18.23.000000 PM +00:00	direct	104	0	46257	155	NULL
2	2355	18-JUL-18 10.22.51.000000 AM +00:00	online	104	8	94513.5	NULL	NULL
3	2356	17-JUL-20 10.22.41.000000 AM +00:00	online	105	5	29473.80078125	NULL	NULL
4	2357	30-JUN-18 09.19.44.000000 PM +00:00	direct	108	5	59872.3984375	158	NULL
5	2358	29-JUN-20 06.03.12.000000 PM +00:00	direct	105	2	7826	155	NULL
6	2359	30-JUN-18 10.34.13.000000 PM +00:00	online	106	9	5543.10009765625	NULL	NULL
7	2360	05-MAY-20 01.22.31.000000 PM +00:00	online	107	4	990.400024414063	NULL	NULL
8	2361	04-MAY-20 02.34.21.000000 PM +00:00	online	108	8	120131.296875	NULL	NULL
9	2362	04-MAY-20 03.41.10.000000 PM +00:00	online	109	4	92829.3984375	NULL	NULL
10	2363	13-APR-20 04.49.56.000000 PM +00:00	online	144	0	10082.2998046875	NULL	NULL
11	2364	17-FEB-20 05.18.45.000000 PM +00:00	online	145	4	9500	NULL	NULL
12	2365	17-FEB-20 06.03.34.000000 PM +00:00	online	146	9	27455.30078125	NULL	NULL
13	2366	17-FEB-20 07.59.23.000000 PM +00:00	online	147	5	37319.3984375	NULL	NULL
14	2367	17-DEC-20 08.53.32.000000 PM +00:00	online	148	10	144054.796875	NULL	NULL
15	2368	16-DEC-20 09.19.43.000000 PM +00:00	online	149	10	60065	NULL	NULL
16	2369	16-DEC-19 10.22.54.000000 PM +00:00	online	116	0	11097.400390625	NULL	NULL
17	2370	16-DEC-20 11.22.11.000000 PM +00:00	online	117	4	126	NULL	NULL

Query executed successfully.

Q2

```
SQLQuery2.sql - lo...COG7SQ\areej (56)* ✎ X Object Explorer
```

```
SELECT *  
FROM OEHR_JOB_HISTORY  
WHERE YEAR(Start_date) BETWEEN 2010 AND 2015
```

120 %

Results Messages

	EMPLOYEE_ID	START_DATE	END_DATE	JOB_ID	DEPARTMENT_ID
1	101	2010-03-13	2014-04-18	AC_ACCOUNT	110
2	101	2014-04-19	2017-09-04	AC_MGR	110
3	102	2013-07-05	2019-01-13	IT_PROG	60
4	200	2014-12-21	2019-06-22	AC_ACCOUNT	90

Q3

```
120 % ▾
  SELECT ORDER_MODE, ORDER_STATUS, COUNT(*)
  FROM OEHR_ORDERS
  GROUP BY ORDER_MODE, ORDER_STATUS;

  SELECT DEPARTMENT_ID, COUNT(*), SUM(SALARY), AVG(SALARY)
  FROM OEHR_EMPLOYEES
```

Results Messages

	ORDER_MODE	ORDER_STATUS	(No column name)
1	direct	0	8
2	online	0	3
3	direct	1	7
4	direct	2	6
5	online	2	1
6	direct	3	7
7	online	3	2
8	direct	4	4
9	online	4	8
10	direct	5	10
11	online	5	5
12	direct	6	7
13	online	6	2
14	direct	7	3
15	direct	8	13
16	online	8	4
17	direct	9	6

Query executed successfully.

Q4

```
120 % ▾
  SELECT DEPARTMENT_ID, COUNT(*), SUM(SALARY), AVG(SALARY)
  FROM OEHR_EMPLOYEES
  GROUP BY DEPARTMENT_ID;
```

Results Messages

	DEPARTMENT_ID	(No column name)	(No column name)	(No column name)
1	NULL	1	7000	7000
2	10	1	4400	4400
3	20	2	19000	9500
4	30	6	24900	4150
5	40	1	6500	6500
6	50	45	156400	3475
7	60	5	28800	5760
8	70	1	10000	10000
9	80	34	304500	8955
10	90	3	58000	19333
11	100	6	51600	8600
12	110	2	20300	10150

Q5

SQLQuery2.sql - lo...C0G7SQ\areej (56)* SQLQuery1.sql - lo...C0G7SQ\areej (54)*

```
SELECT COUNTRY_ID,
       COUNT(*) AS Total_customers,
       COUNT(DISTINCT CUSTOMER_ID) AS Distinct_customers
FROM OEHR_CUSTOMERS
GROUP BY COUNTRY_ID
```

120 %

Results Messages

COUNTRY_ID	Total_customers	Distinct_customers
1 CA	1	1
2 CH	29	29
3 CN	4	4
4 DE	3	3
5 IN	53	53
6 IT	43	43
7 JP	1	1
8 TH	2	2
9 US	183	183

Q6

SQLQuery2.sql - lo...C0G7SQ\areej (56)* SQLQuery1.sql - lo...C

```
SELECT COUNT(*) AS Num_of_customer
FROM OEHR_CUSTOMERS
WHERE CITY LIKE 's%'
```

120 %

Results Messages

Num_of_customer
1 33

Q7

The screenshot shows a SQL Server Management Studio window with two tabs: 'SQLQuery2.sql' and 'SQLQuery1.sql'. The 'SQLQuery2.sql' tab contains the following query:

```
SELECT COUNT(*) AS email_not_gmail
FROM OEHR_CUSTOMERS
WHERE CUST_EMAIL NOT LIKE '%gmail%'
```

The results pane shows a single row with the value 319.

	email_not_gmail
1	319

Q8

The screenshot shows a SQL Server Management Studio window with two tabs: 'SQLQuery2.sql' and 'SQLQuery1.sql'. The 'SQLQuery2.sql' tab contains the following query:

```
SELECT SALES REP_ID,
       COUNT(*) AS Total_Orders
  FROM OEHR_ORDERS
 GROUP BY SALES REP_ID
```

The results pane shows a table with 10 rows of data.

	SALES REP_ID	Total_Orders
1	NULL	35
2	153	5
3	154	10
4	155	5
5	156	5
6	158	7
7	159	7
8	160	6
9	161	13
10	163	12

Q9

```
SELECT SUBSTRING(ORDER_DATE,8,2), COUNT(*)  
FROM OEHR_ORDERS  
GROUP BY SUBSTRING(ORDER_DATE,8,2);
```

120 %

Results Messages

	(No column name)	(No column name)
1	11	3
2	16	1
3	17	1
4	18	7
5	19	36
6	20	54
7	21	3

Q10

```
SELECT DISTINCT POSTAL_CODE  
FROM OEHR_CUSTOMERS;
```

120 %

Results Messages

	POSTAL_CODE
1	NULL
2	3000
3	3413
4	7000
5	7001
6	7064
7	8000
8	8001
9	8004
10	8032
11	8132
12	9062
13	10605
14	10701
15	11111
16	12203
17	12205

Query executed successfully.

Ready