

LAB 1 (IN-LAB)

23K-0594

Q1)




Worksheet

Query Builder

SELECT * FROM EMPLOYEES WHERE JOB_ID= 'IT_PROG' OR JOB_ID='SA_REP';

Query Result x

Script Output x

   | Task completed in 0.044 seconds

EMPLOYEE_ID	FIRST_NAME	LAST_NAME	EMAIL	PHONE_NUMBER	HIRE_DATE	JOB_ID	SAL
103	Alexander	Hunold	AHUNOLD	590.423.4567	03-JAN-06	IT_PROG	9000
104	Bruce	Ernst	BERNST	590.423.4568	21-MAY-07	IT_PROG	6000
105	David	Austin	DAUSTIN	590.423.4569	25-JUN-05	IT_PROG	4800
106	Valli	Pataballa	VPATABAL	590.423.4560	05-FEB-06	IT_PROG	4800
107	Diana	Lorentz	DLORENTZ	590.423.5567	07-FEB-07	IT_PROG	4200
150	Fatmi	Tucker	FTUCKER	011.44.1344.129268	30-JAN-05	SA_REP	10000
151	David	Bernstein	DBERNSTE	011.44.1344.345268	24-MAR-05	SA_REP	9800
152	Peter	Hall	PHALL	011.44.1344.478968	20-AUG-05	SA_REP	9000
153	Christopher	Olsen	COLSEN	011.44.1344.498718	30-MAR-06	SA_REP	8000
154	Nanette	Cambrault	NCAMBRAU	011.44.1344.987668	09-DEC-06	SA_REP	7500
155	Oliver	Tuvault	OTUVAULT	011.44.1344.486508	23-NOV-07	SA_REP	7000

EMPLOYEE_ID	FIRST_NAME	LAST_NAME	EMAIL	PHONE_NUMBER	HIRE_DATE	JOB_ID	SAL
156	Janette	King	JKING	011.44.1345.429268	30-JAN-04	SA_REP	10000

Q2)

Worksheet

Query Builder

SELECT * FROM EMPLOYEES WHERE SALARY NOT BETWEEN 5000 AND 10000;

Query Result x

Script Output x

Task completed in 0.041 seconds

PHONE_NUMBER	HIRE_DATE	JOB_ID	SALARY	COMMISSION_PCT	MANAGER_ID	DEPARTMENT_ID	LAST_MODIFIED
du.pk	18-NOV-24	AD_VP	50000				
515.123.4567	17-JUN-03	AD_PRES	30000			90	07-NOV-24 03.28.19.522000000
515.123.4568	21-SEP-05	AD_VP	20790		100	90	18-NOV-24 02.47.59.632000000
515.123.4569	13-JAN-01	AD_VP	18000		100	90	07-NOV-24 03.28.19.564000000
590.423.4569	25-JUN-05	IT_PROG	4800		103	60	
590.423.4560	05-FEB-06	IT_PROG	4800		103	60	
590.423.5567	07-FEB-07	IT_PROG	4200		103	60	
515.124.4569	17-AUG-02	FI_MGR	12008		101	100	
515.127.4561	07-DEC-02	PU_MAN	11000		100	30	
515.127.4562	18-MAY-03	PU_CLERK	3100		114	30	
515.127.4563	24-DEC-05	PU_CLERK	2900		114	30	
PHONE_NUMBER	HIRE_DATE	JOB_ID	SALARY	COMMISSION_PCT	MANAGER_ID	DEPARTMENT_ID	LAST_MODIFIED
515.127.4564	24-JUL-05	PU_CLERK	2800		114	30	

Q3)

Worksheet Query Builder

```
SELECT * FROM EMPLOYEES WHERE LAST_NAME LIKE '%h';
```

Query Result x Script Output x

Task completed in 0.014 seconds

EMPLOYEE_ID	FIRST_NAME	LAST_NAME	EMAIL	PHONE_NUMBER
153	Christopher	Olsen	COLSEN	011.44.1344.498
158	Allan	McEwen	AMCEWEN	011.44.1345.829
160	Louise	Doran	LDORAN	011.44.1345.629
175	Alyssa	Hutton	AHUTTON	011.44.1644.429
177	Jack	Livingston	JLIVINGS	011.44.1644.429
179	Charles	Johnson	CJOHNSON	011.44.1644.429
182	Martha	Sullivan	MSULLIVA	650.507.9878
194	Samuel	McCain	SMCCAIN	650.501.3876
200	Jennifer	Whalen	JWHALEN	515.123.4444
201	Michael	Hartstein	MHARTSTE	515.123.5555

19 rows selected.

Q4)

```
SELECT * FROM EMPLOYEES WHERE HIRE_DATE < '01-jan-2010';
```

Query Result x Script Output x

Task completed in 0.049 seconds

EMPLOYEE_ID	FIRST_NAME	LAST_NAME	EMAIL	PHONE_NUMBER	HIRE_DATE	JOB_ID	SALARY
100	Steven	King	SKING	515.123.4567	17-JUN-03	AD_PRES	30000
101	Neena	Kochhar	NKOCHHAR	515.123.4568	21-SEP-05	AD_VP	20000
102	Lex	De Haan	LDEHAAN	515.123.4569	13-JAN-01	AD_VP	18000
103	Alexander	Hunold	AHUNOLD	590.423.4567	03-JAN-06	IT_PROG	9000
104	Bruce	Ernst	BERNST	590.423.4568	21-MAY-07	IT_PROG	6000
105	David	Austin	DAUSTIN	590.423.4569	25-JUN-05	IT_PROG	4800
106	Valli	Pataballa	VPATABAL	590.423.4560	05-FEB-06	IT_PROG	4800
107	Diana	Lorentz	DLORENTZ	590.423.5567	07-FEB-07	IT_PROG	4200
108	Nancy	Greenberg	NGREENBE	515.124.4569	17-AUG-02	FI_MGR	12000
109	Daniel	Faviet	DFAVIET	515.124.4169	16-AUG-02	FI_ACCOUNT	9000
110	John	Chen	JCHEN	515.124.4269	28-SEP-05	FI_ACCOUNT	8200
111	Ismael	Sciarra	ISCIARRA	515.124.4369	30-SEP-05	FI_ACCOUNT	7500

Q5)

Worksheet		Query Builder
SELECT * FROM EMPLOYEES WHERE DEPARTMENT_ID=10 OR DEPARTMENT_ID=20 OR DEPARTMENT_ID=40;		
Query Result x Script Output x		
Task completed in 0.017 seconds		
PHONE_NUMBER	HIRE_DATE JOB_ID	SALARY COMMISSION_PCT MANAGER_ID DEPARTMENT_ID LAST_MODIFIED
515.123.4444	17-SEP-03 AD_ASST	4400 101 10
515.123.5555	17-FEB-04 MK_MAN	13000 100 20
603.123.6666	17-AUG-05 MK_REP	6000 201 20
515.123.7777	07-JUN-02 HR_REP	6500 101 40

Q6)

Worksheet		Query Builder
SELECT * FROM EMPLOYEES WHERE DEPARTMENT_ID != 90;		
Query Result x Script Output x		
Task completed in 0.042 seconds		
PHONE_NUMBER	HIRE_DATE JOB_ID	SALARY COMMISSION_PCT MANAGER_ID DEPARTMENT_ID LAST_MODIFIED
590.423.4567	03-JAN-06 IT_PROG	9000 102 60
590.423.4568	21-MAY-07 IT_PROG	6000 103 60
590.423.4569	25-JUN-05 IT_PROG	4800 103 60
590.423.4560	05-FEB-06 IT_PROG	4800 103 60
590.423.5567	07-FEB-07 IT_PROG	4200 103 60
515.124.4569	17-AUG-02 FI_MGR	12008 101 100
515.124.4169	16-AUG-02 FI_ACCOUNT	9000 108 100
515.124.4269	28-SEP-05 FI_ACCOUNT	8200 108 100
515.124.4369	30-SEP-05 FI_ACCOUNT	7700 108 100
515.124.4469	07-MAR-06 FI_ACCOUNT	7800 108 100
515.124.4567	07-DEC-07 FI_ACCOUNT	6900 108 100
PHONE_NUMBER	HIRE_DATE JOB_ID	SALARY COMMISSION_PCT MANAGER_ID DEPARTMENT_ID LAST_MODIFIED
515.127.4561	07-DEC-02 PU_MAN	11000 100 30

Q7)





Worksheet

Query Builder

SELECT * FROM EMPLOYEES WHERE HIRE_DATE > '01-Jan-2005' AND HIRE_DATE < '31-Dec-2010';

Query Result x

Script Output x

    | Task completed in 0.04 seconds

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FIRST_NAME	LAST_NAME	EMAIL	PHONE_NUMBER	HIRE_DATE	JOB_ID	SALARY	COMMISSION
Neena	Kochhar	NKOCHHAR	515.123.4568	21-SEP-05	AD_VP	20790	
Alexander	Hunold	AHUNOLD	590.423.4567	03-JAN-06	IT_PROG	9000	
Bruce	Ernst	BERNST	590.423.4568	21-MAY-07	IT_PROG	6000	
David	Austin	DAUSTIN	590.423.4569	25-JUN-05	IT_PROG	4800	
Valli	Pataballa	VPATABAL	590.423.4560	05-FEB-06	IT_PROG	4800	
Diana	Lorentz	DLORENTZ	590.423.5567	07-FEB-07	IT_PROG	4200	
John	Chen	JCHEN	515.124.4269	28-SEP-05	FI_ACCOUNT	8200	
Ismael	Sciarra	ISCIARRA	515.124.4369	30-SEP-05	FI_ACCOUNT	7700	
Jose Manuel	Urman	JMURMAN	515.124.4469	07-MAR-06	FI_ACCOUNT	7800	
Luis	Popp	LPOPP	515.124.4567	07-DEC-07	FI_ACCOUNT	6900	
Shelli	Baida	SBAIDA	515.127.4563	24-DEC-05	PU_CLERK	2900	
FIRST_NAME	LAST_NAME	EMAIL	PHONE_NUMBER	HIRE_DATE	JOB_ID	SALARY	COMMISSION

Q8)






Worksheet

Query Builder

SELECT * FROM EMPLOYEES WHERE SALARY >
(SELECT SALARY FROM EMPLOYEES WHERE EMPLOYEE_ID=101);

Query Result x

Script Output x



Task completed in 0.024 seconds

LAST_NAME	EMAIL	PHONE_NUMBER	HIRE_DATE	JOB_ID	SALARY	COMMISSION_PCT	MANAGER
Doe	k225192@nu.edu.pk		18-NOV-24	AD_VP	50000		
King	SKING	515.123.4567	17-JUN-03	AD_PRES	30000		

Q9)




Worksheet

Query Builder

```
SELECT * FROM EMPLOYEES WHERE SALARY > ANY
(SELECT SALARY FROM EMPLOYEES WHERE DEPARTMENT_ID=20);
```

Query Result x

Script Output x

   | Task completed in 0.027 seconds

LAST_NAME	EMAIL	PHONE_NUMBER	HIRE_DATE	JOB_ID	SALARY	COMMISSION_PCT	MA
Doe	k225192@nu.edu.pk		18-NOV-24	AD_VP	50000		
King	SKING	515.123.4567	17-JUN-03	AD_PRES	30000		
Kochhar	NKOCHHAR	515.123.4568	21-SEP-05	AD_VP	20790		
De Haan	LDEHAAN	515.123.4569	13-JAN-01	AD_VP	18000		
Russell	JRUSSEL	011.44.1344.429268	01-OCT-04	SA_MAN	14000	.4	
Partners	KPARTNER	011.44.1344.467268	05-JAN-05	SA_MAN	13500	.3	
Hartstein	MHARTSTE	515.123.5555	17-FEB-04	MK_MAN	13000		

Q10)

Worksheet

Query Builder

```
SELECT * FROM EMPLOYEES WHERE SALARY < ALL  
(SELECT SALARY FROM EMPLOYEES WHERE DEPARTMENT_ID=90);
```

Query Result x

Script Output x

Task completed in 0.041 seconds

ST_NAME	LAST_NAME	EMAIL	PHONE_NUMBER	HIRE_DATE	JOB_ID	SALARY	COMMISSION
n	Doe	k225192@nu.edu.pk		18-NOV-24	AD_VP	50000	
ven	King	SKING	515.123.4567	17-JUN-03	AD_PRES	30000	
ha	Kochhar	NKOCHHAR	515.123.4568	21-SEP-05	AD_VP	20790	
	De Haan	LDEHAAN	515.123.4569	13-JAN-01	AD_VP	18000	
n	Russell	JRUSSEL	011.44.1344.429268	01-OCT-04	SA_MAN	14000	
en	Partners	KPARTNER	011.44.1344.467268	05-JAN-05	SA_MAN	13500	
hael	Hartstein	MHARTSTE	515.123.5555	17-FEB-04	MK_MAN	13000	