

Assignment 2

1. Write query to select all the columns of emp table

Query: select * from HR.employees

Output:

```
select * from HR.employees
```

EMPLOYEE_ID	FIRST_NAME	LAST_NAME	EMAIL	PHONE_NUMBER	HIRE_DATE	JOB_ID	SALARY	COMMISSION_PCT	MANAGER_ID	DEPARTMENT_ID
100	Steven	King	SKING	515.123.4567	17-JUN-03	AD_PRES	24000	-	-	90
101	Neena	Kochhar	NKOCHHAR	515.123.4568	21-SEP-05	AD_VP	17000	-	100	90
102	Lex	De Haan	LDEHAAN	515.123.4569	13-JAN-01	AD_VP	17000	-	100	90
103	Alexander	Hunold	AHUNOLD	590.423.4567	03-JAN-06	IT_PROG	9000	-	102	60
104	Bruce	Ernst	BERNST	590.423.4568	21-MAY-07	IT_PROG	6000	-	103	60
105	David	Austin	DAUSTIN	590.423.4569	25-JUN-05	IT_PROG	4800	-	103	60
106	Valli	Pataballa	VPATABAL	590.423.4560	05-FEB-06	IT_PROG	4800	-	103	60
107	Diana	Lorentz	DLORENTZ	590.423.5567	07-FEB-07	IT_PROG	4200	-	103	60
108	Nancy	Greenberg	NGREENBE	515.124.4569	17-AUG-02	FI_MGR	12008	-	101	100
109	Daniel	Faviet	DFAVIET	515.124.4169	16-AUG-02	FI_ACCOUNT	9000	-	108	100
110	John	Chen	JCHEN	515.124.4269	28-SEP-05	FI_ACCOUNT	8200	-	108	100
111	Ismael	Sciarra	ISCIARRA	515.124.4369	30-SEP-05	FI_ACCOUNT	7700	-	108	100
112	Jose Manuel	Urman	JMURMAN	515.124.4469	07-MAR-06	FI_ACCOUNT	7800	-	108	100
113	Luis	Popp	LPOPP	515.124.4567	07-DEC-07	FI_ACCOUNT	6900	-	108	100
114	Den	Raphaely	DRAPHEAL	515.127.4561	07-DEC-02	PU_MAN	11000	-	100	30
115	Alexander	Khoo	AKHOO	515.127.4562	18-MAY-03	PU_CLERK	3100	-	114	30
116	Shelli	Baida	SBAIDA	515.127.4563	24-DEC-05	PU_CLERK	2900	-	114	30
117	Sigal	Tobias	STOBIAS	515.127.4564	24-JUL-05	PU_CLERK	2800	-	114	30
118	Guy	Himuro	GHIMURO	515.127.4565	15-NOV-06	PU_CLERK	2600	-	114	30
119	Karen	Colmenares	KCOLMENA	515.127.4566	10-AUG-07	PU_CLERK	2500	-	114	30

120	Matthew	Weiss	MWEISS	650.123.1234	18-JUL-04	ST_MAN	8000	-	100	50
121	Adam	Fripp	AFRIPP	650.123.2234	10-APR-05	ST_MAN	8200	-	100	50
122	Payam	Kaufling	PKAUFLIN	650.123.3234	01-MAY-03	ST_MAN	7900	-	100	50
123	Shanta	Vollman	SVOLLMAN	650.123.4234	10-OCT-05	ST_MAN	6500	-	100	50
124	Kevin	Mourgos	KMOURGOS	650.123.5234	16-NOV-07	ST_MAN	5800	-	100	50
125	Julia	Nayer	JNAYER	650.124.1214	16-JUL-05	ST_CLERK	3200	-	120	50
126	Irene	Mikkilineni	IMIKKILI	650.124.1224	28-SEP-06	ST_CLERK	2700	-	120	50
127	James	Landry	JLANDRY	650.124.1334	14-JAN-07	ST_CLERK	2400	-	120	50
128	Steven	Markle	SMARKLE	650.124.1434	08-MAR-08	ST_CLERK	2200	-	120	50
129	Laura	Bissot	LBISSOT	650.124.5234	20-AUG-05	ST_CLERK	3300	-	121	50
130	Mozhe	Atkinson	MATKINSO	650.124.6234	30-OCT-05	ST_CLERK	2800	-	121	50
131	James	Marlow	JAMLOW	650.124.7234	16-FEB-05	ST_CLERK	2500	-	121	50
132	TJ	Olson	TJOLSON	650.124.8234	10-APR-07	ST_CLERK	2100	-	121	50
133	Jason	Mallin	JMALLIN	650.127.1934	14-JUN-04	ST_CLERK	3300	-	122	50
134	Michael	Rogers	MROGERS	650.127.1834	26-AUG-06	ST_CLERK	2900	-	122	50
135	Ki	Gee	KGEE	650.127.1734	12-DEC-07	ST_CLERK	2400	-	122	50
136	Hazel	Philtanker	HPHILTAN	650.127.1634	06-FEB-08	ST_CLERK	2200	-	122	50
137	Renske	Ladwig	RLADWIG	650.121.1234	14-JUL-03	ST_CLERK	3600	-	123	50
138	Stephen	Stiles	SSTILES	650.121.2034	26-OCT-05	ST_CLERK	3200	-	123	50
139	John	Seo	JSEO	650.121.2019	12-FEB-06	ST_CLERK	2700	-	123	50
140	Joshua	Patel	JPATEL	650.121.1834	06-APR-06	ST_CLERK	2500	-	123	50
141	Trenna	Rajs	TRAJS	650.121.8009	17-OCT-03	ST_CLERK	3500	-	124	50
142	Curtis	Davies	CDAVIES	650.121.2994	29-JAN-05	ST_CLERK	3100	-	124	50
143	Randall	Matos	RMATOS	650.121.2874	15-MAR-06	ST_CLERK	2600	-	124	50
144	Peter	Vargas	PVARGAS	650.121.2004	09-JUL-06	ST_CLERK	2500	-	124	50
145	John	Russell	JRUSSEL	011.44.1344.429268	01-OCT-04	SA_MAN	14000	.4	100	80
146	Karen	Partners	KPARTNER	011.44.1344.467268	05-JAN-05	SA_MAN	13500	.3	100	80
147	Alberto	Errazuriz	AERRAZUR	011.44.1344.429278	10-MAR-05	SA_MAN	12000	.3	100	80
148	Gerald	Cambraut	GCAMBRAU	011.44.1344.619268	15-OCT-07	SA_MAN	11000	.3	100	80
149	Eleni	Zlotkey	EZLOTKEY	011.44.1344.429018	29-JAN-08	SA_MAN	10500	.2	100	80

Rows 1 - 50. More rows exist.

2. Write query to select only Employees name, id and Job

Query: select FIRST_NAME,EMPLOYEE_ID,JOB_ID from HR.employees

Output:

```
select FIRST_NAME,EMPLOYEE_ID,JOB_ID from HR.employees
```

FIRST_NAME	EMPLOYEE_ID	JOB_ID
Steven	100	AD_PRES
Neena	101	AD_VP
Lex	102	AD_VP
Alexander	103	IT_PROG
Bruce	104	IT_PROG
David	105	IT_PROG
Valli	106	IT_PROG
Diana	107	IT_PROG
Nancy	108	FI_MGR
Daniel	109	FI_ACCOUNT
John	110	FI_ACCOUNT
Ismael	111	FI_ACCOUNT
Jose Manuel	112	FI_ACCOUNT
Luis	113	FI_ACCOUNT
Den	114	PU_MAN
Alexander	115	PU_CLERK
Shelli	116	PU_CLERK
Sigal	117	PU_CLERK
Guy	118	PU_CLERK
Karen	119	PU_CLERK
Matthew	120	ST_MAN
Adam	121	ST_MAN
Payam	122	ST_MAN
Shanta	123	ST_MAN
Kevin	124	ST_MAN
Julia	125	ST_CLERK
Irene	126	ST_CLERK
James	127	ST_CLERK
Steven	128	ST_CLERK
Laura	129	ST_CLERK
Mozhe	130	ST_CLERK
James	131	ST_CLERK
TJ	132	ST_CLERK
Jason	133	ST_CLERK
Michael	134	ST_CLERK
Ki	135	ST_CLERK
Hazel	136	ST_CLERK
Renske	137	ST_CLERK
Stephen	138	ST_CLERK
John	139	ST_CLERK
Joshua	140	ST_CLERK
Trenna	141	ST_CLERK
Curtis	142	ST_CLERK
Randall	143	ST_CLERK
Peter	144	ST_CLERK
John	145	SA_MAN
Karen	146	SA_MAN
Alberto	147	SA_MAN
Gerald	148	SA_MAN
Eleni	149	SA_MAN

Rows 1 - 50. More rows exist.

3. Write query to select unique Jobs.

Query: select DISTINCT(JOB_ID) from HR.employees

Output:

```
select DISTINCT(JOB_ID) from HR.employees
```

JOB_ID
AC_ACCOUNT
AC_MGR
AD_ASST
AD_PRES
AD_VP
FI_ACCOUNT
FI_MGR
HR_REP
IT_PROG
MK_MAN
MK_REP
PR_REP
PU_CLERK
PU_MAN
SA_MAN
SA_REP
SH_CLERK
ST_CLERK
ST_MAN

19 rows selected.

4. Write query to select only those employees who have job 'ST_Clerk'.**Query:** select FIRST_NAME from HR.employees where JOB_ID IN('ST_CLERK')**Output:**

```
select FIRST_NAME from HR.employees where JOB_ID IN('ST_CLERK')
```

FIRST_NAME
Mozhe
Laura
Curtis
Ki
Renske
James
Jason
Steven
James
Randall
Irene
Julia
TJ
Joshua
Hazel
Trenna
Michael
John
Stephen
Peter

20 rows selected.

5. Select employee name, grade and salary, in the order of their salary.**Query:** select FIRST_NAME, SALARY FROM HR.employees ORDER BY SALARY**Output:**

```
select FIRST_NAME, SALARY FROM HR.employees ORDER BY SALARY
```

FIRST_NAME	SALARY
TJ	2100
Steven	2200
Hazel	2200
James	2400
Ki	2400
Karen	2500
James	2500
Joshua	2500
Peter	2500
Martha	2500
Randall	2500
Guy	2600
Randall	2600
Donald	2600
Douglas	2600
Irene	2700
John	2700
Sigal	2800
Mozhe	2800
Girard	2800
Vance	2800
Shelli	2900
Michael	2900
Timothy	2900
Anthony	3000
Kevin	3000
Alexander	3100
Curtis	3100
Jean	3100
Alana	3100
Julia	3200
Stephen	3200
Winston	3200
Samuel	3200
Laura	3300
Jason	3300
Julia	3400
Trenna	3500
Renske	3600
Jennifer	3600
Kelly	3800
Britney	3900
Sarah	4000
Alexis	4100
Diana	4200
Nandita	4200
Jennifer	4400
David	4800
Valli	4800
Kevin	5800

Rows 1 - 50. More rows exist.

6. Create tables cust2 without values of cust1 using CTAS statement

Query: create table cust2 as

(select * from HR.employees

)

Output:

```
select * from cust2
```

EMPLOYEE_ID	FIRST_NAME	LAST_NAME	EMAIL	PHONE_NUMBER	HIRE_DATE	JOB_ID	SALARY	COMMISSION_PCT	MANAGER_ID	DEPARTMENT_ID
100	Steven	King	SKING	515.123.4567	17-JUN-03	AD_PRES	24000	-	-	90
101	Neena	Kochhar	NKOCHHAR	515.123.4568	21-SEP-05	AD_VP	17000	-	100	90
102	Lex	De Haan	LDEHAAN	515.123.4569	13-JAN-01	AD_VP	17000	-	100	90
103	Alexander	Hunold	AHUNOLD	590.423.4567	03-JAN-06	IT_PROG	9000	-	102	60
104	Bruce	Ernst	BERNST	590.423.4568	21-MAY-07	IT_PROG	6000	-	103	60
105	David	Austin	DAUSTIN	590.423.4569	25-JUN-05	IT_PROG	4800	-	103	60
106	Valli	Pataballa	VPATABAL	590.423.4560	05-FEB-06	IT_PROG	4800	-	103	60
107	Diana	Lorentz	DLORENTZ	590.423.5567	07-FEB-07	IT_PROG	4200	-	103	60
108	Nancy	Greenberg	NGREENBE	515.124.4569	17-AUG-02	FI_MGR	12008	-	101	100
109	Daniel	Faviet	DFAVIET	515.124.4169	16-AUG-02	FI_ACCOUNT	9000	-	108	100
110	John	Chen	JCHEN	515.124.4269	28-SEP-05	FI_ACCOUNT	8200	-	108	100
111	Ismael	Sciarra	ISCIARRA	515.124.4369	30-SEP-05	FI_ACCOUNT	7700	-	108	100
112	Jose Manuel	Urman	JMURMAN	515.124.4469	07-MAR-06	FI_ACCOUNT	7800	-	108	100
113	Luis	Popp	LPOPP	515.124.4567	07-DEC-07	FI_ACCOUNT	6900	-	108	100
114	Den	Raphaely	DRAPHEAL	515.127.4561	07-DEC-02	PU_MAN	11000	-	100	30
115	Alexander	Khoo	AKHOO	515.127.4562	18-MAY-03	PU_CLERK	3100	-	114	30
116	Shelli	Baida	SBAIDA	515.127.4563	24-DEC-05	PU_CLERK	2900	-	114	30
117	Sigal	Tobias	STOBIAS	515.127.4564	24-JUL-05	PU_CLERK	2800	-	114	30
118	Guy	Himuro	GHIMURO	515.127.4565	15-NOV-06	PU_CLERK	2600	-	114	30
119	Karen	Colmenares	KCOLMENA	515.127.4566	10-AUG-07	PU_CLERK	2500	-	114	30
120	Matthew	Weiss	MWEISS	650.123.1234	18-JUL-04	ST_MAN	8000	-	100	50
121	Adam	Fripp	AFRIPP	650.123.2234	10-APR-05	ST_MAN	8200	-	100	50
122	Payam	Kaufling	PKAUFLIN	650.123.3234	01-MAY-03	ST_MAN	7900	-	100	50
123	Shanta	Vollman	SVOLLMAN	650.123.4234	10-OCT-05	ST_MAN	6500	-	100	50
124	Kevin	Mourgos	KMOURGOS	650.123.5234	16-NOV-07	ST_MAN	5800	-	100	50
125	Julia	Nayer	JNAYER	650.124.1214	16-JUL-05	ST_CLERK	3200	-	120	50
126	Irene	Mikkilineni	IMIKKILI	650.124.1224	28-SEP-06	ST_CLERK	2700	-	120	50
127	James	Landry	JLANDRY	650.124.1334	14-JAN-07	ST_CLERK	2400	-	120	50
128	Steven	Markle	SMARKLE	650.124.1434	08-MAR-08	ST_CLERK	2200	-	120	50
129	Laura	Bissot	LBISSOT	650.124.5234	20-AUG-05	ST_CLERK	3300	-	121	50
130	Mozhe	Atkinson	MATKINSO	650.124.6234	30-OCT-05	ST_CLERK	2800	-	121	50
131	James	Marlow	JAMRLOW	650.124.7234	16-FEB-05	ST_CLERK	2500	-	121	50
132	TJ	Olson	TJOLSON	650.124.8234	10-APR-07	ST_CLERK	2100	-	121	50
133	Jason	Mallin	JMALLIN	650.127.1934	14-JUN-04	ST_CLERK	3300	-	122	50
134	Michael	Rogers	MROGERS	650.127.1834	26-AUG-06	ST_CLERK	2900	-	122	50
135	Ki	Gee	KGEE	650.127.1734	12-DEC-07	ST_CLERK	2400	-	122	50
136	Hazel	Philtanker	HPHILTAN	650.127.1634	06-FEB-08	ST_CLERK	2200	-	122	50
137	Renske	Ladwig	RLADWIG	650.121.1234	14-JUL-03	ST_CLERK	3600	-	123	50
138	Stephen	Stiles	SSTILES	650.121.2034	26-OCT-05	ST_CLERK	3200	-	123	50
139	John	Seo	JSEO	650.121.2019	12-FEB-06	ST_CLERK	2700	-	123	50
140	Joshua	Patel	JPATEL	650.121.1834	06-APR-06	ST_CLERK	2500	-	123	50
141	Trenna	Rajs	TRAJS	650.121.8009	17-OCT-03	ST_CLERK	3500	-	124	50
142	Curtis	Davies	CDAVIES	650.121.2994	29-JAN-05	ST_CLERK	3100	-	124	50
143	Randall	Matos	RMATOS	650.121.2874	15-MAR-06	ST_CLERK	2600	-	124	50
144	Peter	Vargas	PVARGAS	650.121.2004	09-JUL-06	ST_CLERK	2500	-	124	50
145	John	Russell	JRUSSEL	011.44.1344.429268	01-OCT-04	SA_MAN	14000	.4	100	80
146	Karen	Partners	KPARTNER	011.44.1344.467268	05-JAN-05	SA_MAN	13500	.3	100	80
147	Alberto	Errazuriz	AERRAZUR	011.44.1344.429278	10-MAR-05	SA_MAN	12000	.3	100	80
148	Gerald	Cambraut	GCAMBRAU	011.44.1344.619268	15-OCT-07	SA_MAN	11000	.3	100	80
149	Eleni	Zlotkey	EZLOTKEY	011.44.1344.429018	29-JAN-08	SA_MAN	10500	.2	100	80

Rows 1 - 50. More rows exist.

Query: SELECT FIRST_NAME, SALARY, (((SALARY+200)-SALARY)/SALARY)*100 pctincr
from HR.employees

```
SELECT FIRST_NAME, SALARY, (((SALARY+200)-SALARY)/SALARY)*100 pctincr from HR.employees
```

Download CSV
Rows 1 - 50. More rows exist.

8. Express work experience of each of the employees by using sysdate and hiredate in terms of no of years. Hints : you would need to use cast

Query: SELECT MONTHS_BETWEEN (sysdate, HIRE_DATE) from HR.employees;

Output:

```
SELECT MONTHS_BETWEEN (sysdate, HIRE_DATE) from HR.employees
```

MONTHS_BETWEEN(SYSDATE, HIRE_DATE)
230.251514710274790919952210274790919952
203.12248245221027479091995221027479092
259.380546968339307048984468339307048984
199.703127613500597371565113500597371565
183.12248245221027479091995221027479092
205.993450194145758661887694145758661888
198.638611484468339307048984468339307049
186.574095355436081242532855436081242533
240.251514710274790919952210274790919952
240.28377277479091995221027479091995221
202.896676000597371565113500597371565114
202.832159871565113500597371565113500597
197.574095355436081242532855436081242533
176.574095355436081242532855436081242533
236.574095355436081242532855436081242533
231.219256645758661887694145758661887694
205
189.316030839307048984468339307048984468
180.477321161887694145758661887694145759
217.219256645758661887694145758661887694
208.477321161887694145758661887694145759
231.767643742532855436081242532855436081
202.477321161887694145758661887694145759

9. Select only those employees who are a clerk and a manager

Query: select * from HR.employees WHERE JOB_ID IN ('ST_CLERK', 'ST_MAN');

Output:

```
select * from HR.employees WHERE JOB_ID IN ('ST_CLERK', 'ST_MAN')
```

EMPLOYEE_ID	FIRST_NAME	LAST_NAME	EMAIL	PHONE_NUMBER	HIRE_DATE	JOB_ID	SALARY	COMMISSION_PCT	MANAGER_ID	DEPARTMENT_ID
125	Julia	Nayer	JNAYER	650.124.1214	16-JUL-05	ST_CLERK	3200	-	120	50
126	Irene	Mikkilineni	IMIKKILI	650.124.1224	28-SEP-06	ST_CLERK	2700	-	120	50
127	James	Landry	JLANDRY	650.124.1334	14-JAN-07	ST_CLERK	2400	-	120	50
128	Steven	Markle	SMARKLE	650.124.1434	08-MAR-08	ST_CLERK	2200	-	120	50
129	Laura	Bissot	LBISSOT	650.124.5234	20-AUG-05	ST_CLERK	3300	-	121	50
130	Mozhe	Atkinson	MATKINSO	650.124.6234	30-OCT-05	ST_CLERK	2800	-	121	50
131	James	Marlow	JAMLOW	650.124.7234	16-FEB-05	ST_CLERK	2500	-	121	50
132	TJ	Olson	TJOLSON	650.124.8234	10-APR-07	ST_CLERK	2100	-	121	50
133	Jason	Mallin	JMALLIN	650.127.1934	14-JUN-04	ST_CLERK	3300	-	122	50
134	Michael	Rogers	MROGERS	650.127.1834	26-AUG-06	ST_CLERK	2900	-	122	50
135	Ki	Gee	KGEE	650.127.1734	12-DEC-07	ST_CLERK	2400	-	122	50
136	Hazel	Philtanker	HPHILTAN	650.127.1634	06-FEB-08	ST_CLERK	2200	-	122	50
137	Renske	Ladwig	RLADWIG	650.121.1234	14-JUL-03	ST_CLERK	3600	-	123	50
138	Stephen	Stiles	SSTILES	650.121.2034	26-OCT-05	ST_CLERK	3200	-	123	50
139	John	Seo	JSEO	650.121.2019	12-FEB-06	ST_CLERK	2700	-	123	50
140	Joshua	Patel	JPATEL	650.121.1834	06-APR-06	ST_CLERK	2500	-	123	50
141	Trenna	Rajs	TRAJS	650.121.8009	17-OCT-03	ST_CLERK	3500	-	124	50
142	Curtis	Davies	CDAVIES	650.121.2994	29-JAN-05	ST_CLERK	3100	-	124	50
143	Randall	Matos	RMATOS	650.121.2874	15-MAR-06	ST_CLERK	2600	-	124	50

10. Use emp table and use different columns and string concatenation to display a message like below for each of the employees Output Example : JAMES is a CLERK and is working in the company for last 32 Years

Query: select FIRST_NAME || 'is a' || JOB_ID || ' and is working in the company since ' || HIRE_DATE from HR.employees

Output:

```
select FIRST_NAME || ' is a ' || JOB_ID || ' and is working in the company since ' || HIRE_DATE from HR.employees
```

FIRST_NAME 'ISA' JOB_ID 'ANDISWORKINGINTHECOMPANYSINCE' HIRE_DATE
Steven is a AD_PRES and is working in the company since 17-JUN-03
Neena is a AD_VP and is working in the company since 21-SEP-05
Lex is a AD_VP and is working in the company since 13-JAN-01
Alexander is a IT_PROG and is working in the company since 03-JAN-06
Bruce is a IT_PROG and is working in the company since 21-MAY-07
David is a IT_PROG and is working in the company since 25-JUN-05
Valli is a IT_PROG and is working in the company since 05-FEB-06
Diana is a IT_PROG and is working in the company since 07-FEB-07
Nancy is a FI_MGR and is working in the company since 17-AUG-02
Daniel is a FI_ACCOUNT and is working in the company since 16-AUG-02
John is a FI_ACCOUNT and is working in the company since 28-SEP-05
Ismael is a FI_ACCOUNT and is working in the company since 30-SEP-05
Jose Manuel is a FI_ACCOUNT and is working in the company since 07-MAR-06
Luis is a FI_ACCOUNT and is working in the company since 07-DEC-07
Den is a PU_MAN and is working in the company since 07-DEC-02
Alexander is a PU_CLERK and is working in the company since 18-MAY-03
Shelli is a PU_CLERK and is working in the company since 24-DEC-05
Sigal is a PU_CLERK and is working in the company since 24-JUL-05
Guy is a PU_CLERK and is working in the company since 15-NOV-06
Karen is a PU_CLERK and is working in the company since 10-AUG-07
Matthew is a ST_MAN and is working in the company since 18-JUL-04
Adam is a ST_MAN and is working in the company since 10-APR-05
Payam is a ST_MAN and is working in the company since 01-MAY-03
Shanta is a ST_MAN and is working in the company since 10-OCT-05

11. Use emp table to display only those employees who have joined in the year 2000 and 2008.

Query: SELECT *FROM HR.employees WHERE to_char(hire_date, 'yyyy')='2000' OR to_char(hire_date, 'yyyy')='2008'

Output:

```
SELECT *FROM HR.employees WHERE to_char(hire_date, 'yyyy')='2000' OR to_char(hire_date, 'yyyy')='2008'
```

EMPLOYEE_ID	FIRST_NAME	LAST_NAME	EMAIL	PHONE_NUMBER	HIRE_DATE	JOB_ID	SALARY	COMMISSION_PCT	MANAGER_ID	DEPARTMENT_ID
128	Steven	Markle	SMARKLE	650.124.1434	08-MAR-08	ST_CLERK	2200	-	120	50
136	Hazel	Philtanker	HPHILTAN	650.127.1634	06-FEB-08	ST_CLERK	2200	-	122	50
149	Eleni	Zlotkey	EZLOTKEY	011.44.1344.429018	29-JAN-08	SA_MAN	10500	.2	100	80
164	Mattea	Marvins	MMARVINS	011.44.1346.329268	24-JAN-08	SA_REP	7200	.1	147	80
165	David	Lee	DLEE	011.44.1346.529268	23-FEB-08	SA_REP	6800	.1	147	80
166	Sundar	Ande	SANDE	011.44.1346.629268	24-MAR-08	SA_REP	6400	.1	147	80
167	Amit	Banda	ABANDA	011.44.1346.729268	21-APR-08	SA_REP	6200	.1	147	80
173	Sundita	Kumar	SKUMAR	011.44.1343.329268	21-APR-08	SA_REP	6100	.1	148	80
179	Charles	Johnson	CJOHNSON	011.44.1644.429262	04-JAN-08	SA_REP	6200	.1	149	80
183	Girard	Geoni	GGEONI	650.507.9879	03-FEB-08	SH_CLERK	2800	-	120	50
199	Douglas	Grant	DGRANT	650.507.9844	13-JAN-08	SH_CLERK	2600	-	124	50

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11 rows selected.

12. Use like statement to display name of the employees and their id which start with 'A'

Query: Select EMPLOYEE_ID, FIRST_NAME from HR.employees where FIRST_NAME like 'A%'

Output:

```
Select EMPLOYEE_ID, FIRST_NAME from HR.employees where FIRST_NAME like 'A%'
```

EMPLOYEE_ID	FIRST_NAME
167	Amit
185	Alexis
187	Anthony
147	Alberto
121	Adam
103	Alexander
175	Alyssa
115	Alexander
158	Allan
196	Alana

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10 rows selected.

13. Select those employees, who has joined on or before 31st December 2000 and is either a clerk or having a salary greater than 2500

Query: select FIRST_NAME from HR.employees where HIRE_DATE<='31-DEC-00' and (JOB_ID in ('ST_CLERK') or SALARY>2500);

Output:

```
select FIRST_NAME from HR.employees where HIRE_DATE<='31-DEC-00' and (JOB_ID in ('ST_CLERK') or SALARY>2500)
```

no data found

14. Convert the string 'Kolkata' into its upper case and 'MUMBAI' to its lower-case value

Query: SELECT UPPER('Kolkata'),LOWER('Mumbai') FROM HR.employees

Output:

```
SELECT Upper('Kolkata'), Lower('Mumbai') FROM HR.employees
```

UPPER('KOLKATA')	LOWER('MUMBAI')
KOLKATA	mumbai
KOLKATA	mumbai
KOLKATA	mumbai
KOLKATA	mumbai
KOLKATA	mumbai
KOLKATA	mumbai
KOLKATA	mumbai
KOLKATA	mumbai
KOLKATA	mumbai
KOLKATA	mumbai
KOLKATA	mumbai
KOLKATA	mumbai
KOLKATA	mumbai
KOLKATA	mumbai
KOLKATA	mumbai
KOLKATA	mumbai
KOLKATA	mumbai
KOLKATA	mumbai
KOLKATA	mumbai
KOLKATA	mumbai
KOLKATA	mumbai

17. Display day, month and year of the hire date of employee.**Query:** select FIRST_NAME,HIRE_DATE from HR.employees**Output:**

```
select FIRST_NAME,HIRE_DATE from HR.employees
```

FIRST_NAME	HIRE_DATE
Steven	17-JUN-03
Neena	21-SEP-05
Lex	13-JAN-01
Alexander	03-JAN-06
Bruce	21-MAY-07
David	25-JUN-05
Valli	05-FEB-06
Diana	07-FEB-07
Nancy	17-AUG-02
Daniel	16-AUG-02
John	28-SEP-05
Ismael	30-SEP-05
Jose Manuel	07-MAR-06
Luis	07-DEC-07
Den	07-DEC-02
Alexander	18-MAY-03
Shelli	24-DEC-05
Sigal	24-JUL-05
Guy	15-NOV-06
Karen	10-AUG-07
Matthew	18-JUL-04
Adam	10-APR-05
Payam	01-MAY-03
Shanta	10-OCT-05
Kevin	16-NOV-07
Julia	16-JUL-05
Irene	28-SEP-06
James	14-JAN-07

18. Display the last name of the employees in a manner, so that they are right-aligned

Query: `select rtrim(LAST_NAME,' ') from HR.employees`

Output:

```
select rtrim(LAST_NAME,' ') from HR.employees
```

RTRIM(LAST_NAME,' ')
Abel
Ande
Atkinson
Austin
Baer
Baida
Banda
Bates
Bell
Bernstein
Bissot
Bloom
Bull
Cabrio
Cambrault
Cambrault
Chen
Chung
Colmenares
Davies
...