

CASE 1:**CREATE TABLE:**

```
CREATE TABLE GLOBETECHTB231( EMP_ID INT NOT NULL, EMP_NAME VARCHAR(100) NOT NULL, JOB_NAME VARCHAR(100) NOT NULL, MANAGER_ID INTEGER, HIRE_DATE DATE NOT NULL, SALARY NUMBER(10,2) NOT NULL, COMMISSION NUMBER(10,2), DEP_ID INT NOT NULL, PRIMARY KEY(EMP_ID));
```

INSERTING VALUES:

```
INSERT INTO
```

```
GLOBETECHTB231(EMP_ID,EMP_NAME,JOB_NAME,MANAGER_ID,HIRE_DATE,SALARY,COMMISSION,DEP_ID)
```

```
VALUES(65271,'WADE','SALESMAN',66928,TO_DATE('1991-02-22','YYYY-MM-DD'),1350.00,600.00,3001);
```

```
INSERT INTO
```

```
GLOBETECHTB231(EMP_ID,EMP_NAME,JOB_NAME,MANAGER_ID,HIRE_DATE,SALARY,DEP_ID)
```

```
VALUES(69324,'MARKER','CLERK',67832,TO_DATE('1992-01-23','YYYY-MM-DD'),1400.00,1001);
```

```
INSERT INTO
```

```
GLOBETECHTB231(EMP_ID,EMP_NAME,JOB_NAME,MANAGER_ID,HIRE_DATE,SALARY,DEP_ID)
```

```
VALUES(69000,'JULIUS','CLERK',66928,TO_DATE('1991-12-03','YYYY-MM-DD'),1050.00,3001);
```

```
INSERT INTO
```

```
GLOBETECHTB231(EMP_ID,EMP_NAME,JOB_NAME,MANAGER_ID,HIRE_DATE,SALARY,DEP_ID)
```

```
VALUES(68736,'ADNRES','CLERK',67858,TO_DATE('1997-05-23','YYYY-MM-DD'),1200.00,2001);
```

```
INSERT INTO
```

```
GLOBETECHTB231(EMP_ID,EMP_NAME,JOB_NAME,MANAGER_ID,HIRE_DATE,SALARY,COMMISSION,DEP_ID)
```

```
VALUES(68454,'TUCKER','SALESMAN',66928,TO_DATE('1991-09-08','YYYY-MM-DD'),1600.00,0.00,3001);
```

```
INSERT INTO
```

```
GLOBETECHTB231(EMP_ID,EMP_NAME,JOB_NAME,MANAGER_ID,HIRE_DATE,SALARY,COMMISSION,DEP_ID)
```

```
VALUES(66564,'MADDEN','SALESMAN',66928,TO_DATE('1991-09-28','YYYY-MM-DD'),1350.00,1500.00,3001);
```

```
INSERT INTO
GLOBETECHTB231(EMP_ID,EMP_NAME,JOB_NAME,MANAGER_ID,HIRE_DATE,SALARY,COMMISSION,DEP_ID)
VALUES(64989,'ADELYN','SALESMAN',66928,TO_DATE('1991-02-20','YYYY-MM-DD'),1700.00,400.00,3001);
```

```
INSERT INTO
GLOBETECHTB231(EMP_ID,EMP_NAME,JOB_NAME,MANAGER_ID,HIRE_DATE,SALARY,DEP_ID)
VALUES(63679,'SANDRINE','CLERK',69062,TO_DATE('1990-12-18','YYYY-MM-DD'),900.00,2001);
```

```
INSERT INTO
GLOBETECHTB231(EMP_ID,EMP_NAME,JOB_NAME,MANAGER_ID,HIRE_DATE,SALARY,DEP_ID)
VALUES(69062,'FRANK','ANALYST',65646,TO_DATE('1991-12-03','YYYY-MM-DD'),3100.00,2001);
```

```
INSERT INTO
GLOBETECHTB231(EMP_ID,EMP_NAME,JOB_NAME,MANAGER_ID,HIRE_DATE,SALARY,DEP_ID)
VALUES(67858,'SCARLET','ANALYST',65646,TO_DATE('1997-04-19','YYYY-MM-DD'),3100.00,2001);
```

```
INSERT INTO
GLOBETECHTB231(EMP_ID,EMP_NAME,JOB_NAME,MANAGER_ID,HIRE_DATE,SALARY,DEP_ID)
VALUES(65646,'JONAS','MANAGER',68319,TO_DATE('1991-04-02','YYYY-MM-DD'),2957.00,2001);
```

```
INSERT INTO
GLOBETECHTB231(EMP_ID,EMP_NAME,JOB_NAME,MANAGER_ID,HIRE_DATE,SALARY,DEP_ID)
VALUES(67832,'CLARE','MANAGER',68319,TO_DATE('1991-06-09','YYYY-MM-DD'),2550.00,1001);
```

```
INSERT INTO
GLOBETECHTB231(EMP_ID,EMP_NAME,JOB_NAME,MANAGER_ID,HIRE_DATE,SALARY,DEP_ID)
VALUES(66928,'BLAZE','MANAGER',68319,TO_DATE('1991-05-01','YYYY-MM-DD'),2750.00,3001);
```

```
INSERT INTO
GLOBETECHTB231(EMP_ID,EMP_NAME,JOB_NAME,HIRE_DATE,SALARY,DEP_ID)
```

VALUES(68319,'KAYLING','PRESIDENT',TO_DATE('1991-11-18','YYYY-MM-DD'),6000.00,100
1);

≡

Live SQL

FeedbackHelpjchandanav@gmail.com

SQL WorksheetClearFindActionsSaveRun

```
1 select
2   "EMP_ID",
3   "EMP_NAME",
4   "JOB_NAME",
5   "MANAGER_ID",
6   "HIRE_DATE",
7   "SALARY",
8   "COMMISSION",
9   "DEP_ID"
10  from "GLOBETECHTB231";
```

EMP_ID	EMP_NAME	JOB_NAME	MANAGER_ID	HIRE_DATE	SALARY	COMMISSION	DEP_ID
63679	SANDRINE	CLERK	69062	18-DEC-90	900	-	2001
69062	FRANK	ANALYST	65646	03-DEC-91	3100	-	2001
67858	SCARLET	ANALYST	65646	19-APR-97	3100	-	2001
65646	JONAS	MANAGER	68319	02-APR-91	2957	-	2001
67832	CLARE	MANAGER	68319	09-JUN-91	2550	-	1001
66928	BLAZE	MANAGER	68319	01-MAY-91	2750	-	3001
68319	KAYLING	PRESIDENT	-	18-NOV-91	6000	-	1001
69000	JULIUS	CLERK	66928	03-DEC-91	1050	-	3001
65271	WADE	SALESMAN	66928	22-FEB-91	1350	600	3001
69324	MARKER	CLERK	67832	23-JAN-92	1400	-	1001
68736	ADNRES	CLERK	67858	23-MAY-97	1200	-	2001
68454	TUCKER	SALESMAN	66928	08-SEP-91	1600	0	3001
66564	MADDEN	SALESMAN	66928	28-SEP-91	1350	1500	3001
64989	ADELYN	SALESMAN	66928	20-FEB-91	1700	400	3001

Download CSV
14 rows selected.

CASE 2: RETURN SALARY

≡

Live SQL

FeedbackHelpjchandanav@gmail.com

SQL WorksheetClearFindActionsSaveRun

```
1 select
2   "EMP_ID",
3   "SALARY"
4  from "GLOBETECHTB231";
```

EMP_ID	SALARY
63679	900
69062	3100
67858	3100
65646	2957
67832	2550
66928	2750
68319	6000
69000	1050
65271	1350
69324	1400
68736	1200
68454	1600
66564	1350
64989	1700

Download CSV
14 rows selected.

CASE 3:

select DISTINCT(JOB_NAME) from "GLOBETECHTB231";

The screenshot shows the Live SQL interface. The SQL Worksheet contains the query: `1 select DISTINCT(JOB_NAME) from "GLOBETECHTB231";`. The results pane on the right displays a table with the following data:

JOB_NAME
CLERK
ANALYST
SALESMAN
MANAGER
PRESIDENT

Below the table, it says "Download CSV" and "5 rows selected."

CASE 4:

select EMP_NAME, TO_CHAR(1.15*SALARY,\$99,999) AS "SALARY" from "GLOBETECHTB231";

The screenshot shows the Live SQL interface. The SQL Worksheet contains the query: `1 select EMP_NAME, TO_CHAR(1.15*SALARY,$99,999) AS "SALARY" from "GLOBETECHTB231";`. The results pane on the right displays a table with the following data:

EMP_NAME	SALARY
SANDRINE	\$1,035
FRANK	\$3,565
SCARLET	\$3,565
JONAS	\$3,401
CLARE	\$2,933
BLAZE	\$3,163
KAYLING	\$6,900
JULIUS	\$1,208
WADE	\$1,553
MARKER	\$1,610
ADNRES	\$1,380
TUCKER	\$1,840
MADDEN	\$1,553
ADELYN	\$1,955

Below the table, it says "Download CSV" and "14 rows selected."

CASE 5:

select EMP_NAME || ' ' || JOB_NAME AS "EMPLOYEE&JOB" from "GLOBETECHTB231";

Live SQL

Feedback
Help
jchandanav@gmail.com

SQL Worksheet

Clear
Find
Actions
Save
Run

```
1 select EMP_NAME || ' ' || JOB_NAME AS "EMPLOYEE&JOB" from "GLOBETECHTB231";
```

EMPLOYEE&JOB
SANDRINE CLERK
FRANK ANALYST
SCARLET ANALYST
JONAS MANAGER
CLARE MANAGER
BLAZE MANAGER
KAYLING PRESIDENT
JULIUS CLERK
WADE SALESMAN
MARKER CLERK
ADNRES CLERK
TUCKER SALESMAN
MADDEN SALESMAN
ADELYN SALESMAN

Download CSV
14 rows selected.

CASE 6:

select EMP_NAME || '(' || LOWER(JOB_NAME)||')' AS "EMPLOYEE" from
"GLOBETECHTB231";

Live SQL

Feedback
Help
jchandanav@gmail.com

SQL Worksheet

Clear
Find
Actions
Save
Run

```
1 select EMP_NAME || '(' || LOWER(JOB_NAME)||')' AS "EMPLOYEE" from "GLOBETECHTB231";
```

EMPLOYEE
SANDRINE(clerk)
FRANK(analyst)
SCARLET(analyst)
JONAS(manager)
CLARE(manager)
BLAZE(manager)
KAYLING(president)
JULIUS(clerk)
WADE(salesman)
MARKER(clerk)
ADNRES(clerk)
TUCKER(salesman)
MADDEN(salesman)
ADELYN(salesman)

Download CSV
14 rows selected.

CASE 7:

```
select
  "EMP_ID",
  "EMP_NAME",
  TO_CHAR(HIRE_DATE,'MONTH DD,YYYY'),
  "SALARY"
from "GLOBETECHTB231";
```

Live SQL

Feedback Help jchandanav@gmail.com

SQL Worksheet Clear Find Actions Save Run

```
1 select
2   "EMP_ID",
3   "EMP_NAME",
4   TO_CHAR(HIRE_DATE,'MONTH DD,YYYY'),
5   "SALARY"
6 from "GLOBETECHTB231";
```

EMP_ID	EMP_NAME	TO_CHAR(HIRE_DATE, 'MONTHDD, YYYY')	SALARY
63679	SANDRINE	DECEMBER 18,1990	900
69862	FRANK	DECEMBER 03,1991	3100
67858	SCARLET	APRIL 19,1997	3100
65646	JONAS	APRIL 02,1991	2957
67832	CLARE	JUNE 09,1991	2550
66928	BLAZE	MAY 01,1991	2750
68319	KAYLING	NOVEMBER 18,1991	6000
69000	JULIUS	DECEMBER 03,1991	1050
65271	MADE	FEBRUARY 22,1991	1350
69324	MARKER	JANUARY 23,1992	1400
68736	ADNRES	MAY 23,1997	1200
68454	TUCKER	SEPTEMBER 08,1991	1600
66564	MADDEN	SEPTEMBER 28,1991	1350
64989	ADELYN	FEBRUARY 20,1991	1700

Download CSV
14 rows selected.

CASE 8:

```
select LENGTH(TRIM(EMP_NAME)) from "GLOBETECHTB231";
```

Live SQL

Feedback Help jchandanav@gmail.com

SQL Worksheet Clear Find Actions Save Run

```
1 select LENGTH(TRIM(EMP_NAME)) from "GLOBETECHTB231";
```

LENGTH(TRIM(EMP_NAME))
8
5
7
5
5
5
7
6
4
6
6
6
6
6

Download CSV
14 rows selected.