

CASE 1:

```
CREATE TABLE globetechtb231(emp_id INT NOT NULL, emp_name varchar(255) NOT NULL,  
job_name varchar(255) NOT NULL, manager_id int, hire_date date NOT NULL, salary INT NOT NULL,  
commission INT , dep_id int NOT NULL, constraint pk_globaltechtb231 primary key(emp_id));
```

```
INSERT INTO  
globetechtb231(emp_id,emp_name,job_name,manager_id,hire_date,salary,commission,dep_id)  
values(68319, 'KAYLING', 'PRESIDENT',NULL ,to_date('1991-11-18','yyyy-mm-dd'),6000.00,NULL,  
1001);
```

```
INSERT INTO  
globetechtb231(emp_id,emp_name,job_name,manager_id,hire_date,salary,commission,dep_id)  
values(66928, 'BLAZE', 'MANAGER',68319 ,to_date('1991-05-01','yyyy-mm-dd'),2750.00,NULL, 3001);
```

```
INSERT INTO  
globetechtb231(emp_id,emp_name,job_name,manager_id,hire_date,salary,commission,dep_id)  
values(67832, 'CLARE', 'MANAGER',68319 ,to_date('1991-06-09','yyyy-mm-dd'),2550.00,NULL,  
1001);
```

```
INSERT INTO  
globetechtb231(emp_id,emp_name,job_name,manager_id,hire_date,salary,commission,dep_id)  
values(65646, 'JONAS', 'MANAGER', 68319 ,to_date('1991-04-02','yyyy-mm-dd'),2957.00,NULL,  
2001);
```

```
INSERT INTO  
globetechtb231(emp_id,emp_name,job_name,manager_id,hire_date,salary,commission,dep_id)  
values(67858, 'SCARLET', 'ANALYST', 65646 ,to_date('1997-04-19','yyyy-mm-dd'),3100.00,NULL,  
2001);
```

```
INSERT INTO  
globetechtb231(emp_id,emp_name,job_name,manager_id,hire_date,salary,commission,dep_id)  
values(69062, 'FRANK', 'ANALYST',65646 ,to_date('1991-12-03','yyyy-mm-dd'),3100.00,NULL, 2001);
```

```
INSERT INTO  
globetechtb231(emp_id,emp_name,job_name,manager_id,hire_date,salary,commission,dep_id)  
values(63679, 'SANDRINE', 'CLERK', 69062 ,to_date('1990-12-18','yyyy-mm-dd'),900.00,NULL, 2001);
```

```
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,
3001);
```

```
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, 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,
3001);
```

```
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, 3001);
```

```
INSERT INTO
globetechtb231(emp_id,emp_name,job_name,manager_id,hire_date,salary,commission,dep_id)
values(68736, 'ANDRES', 'CLERK',67858 ,to_date('1997-05-23','yyyy-mm-dd'),1200.00, NULL , 2001);
```

```
INSERT INTO
globetechtb231(emp_id,emp_name,job_name,manager_id,hire_date,salary,commission,dep_id)
values(69000, 'JULIUS', 'CLERK',66928 ,to_date('1991-12-03','yyyy-mm-dd'),1050.00,NULL, 3001);
```

```
INSERT INTO
globetechtb231(emp_id,emp_name,job_name,manager_id,hire_date,salary,commission,dep_id)
values(69324, 'MARKER', 'CLERK',67832 ,to_date('1992-01-23','yyyy-mm-dd'),1400.00,NULL, 1001);
```

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SQL Worksheet

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```
1 select * from globetechtb231;
```

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

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CASE 2:

SELECT salary from globetechtb231;

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SQL Worksheet

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```
1 SELECT salary from globetechtb231;
```

SALARY
2750
2550
2957
3100
3100
900
1700
1350
1350
1600
1200
1050
1400
6000

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CASE 3:

SELECT DISTINCT(job_name) from globetechtb231;

The screenshot shows the Oracle Live SQL interface. The SQL Worksheet contains the query: `SELECT DISTINCT(job_name) from globetechtb231;`. The results are displayed in a table with one column, **JOB_NAME**, containing five distinct job titles: ANALYST, CLERK, SALESMAN, MANAGER, and PRESIDENT. Below the table, it indicates "Download CSV" and "5 rows selected." The footer shows the Oracle version and build information.

JOB_NAME
ANALYST
CLERK
SALESMAN
MANAGER
PRESIDENT

Download CSV
5 rows selected.

CASE 4:

SELECT emp_name, to_char(1.15*salary,'\$99,999') AS "Salary" from globetechtb231;

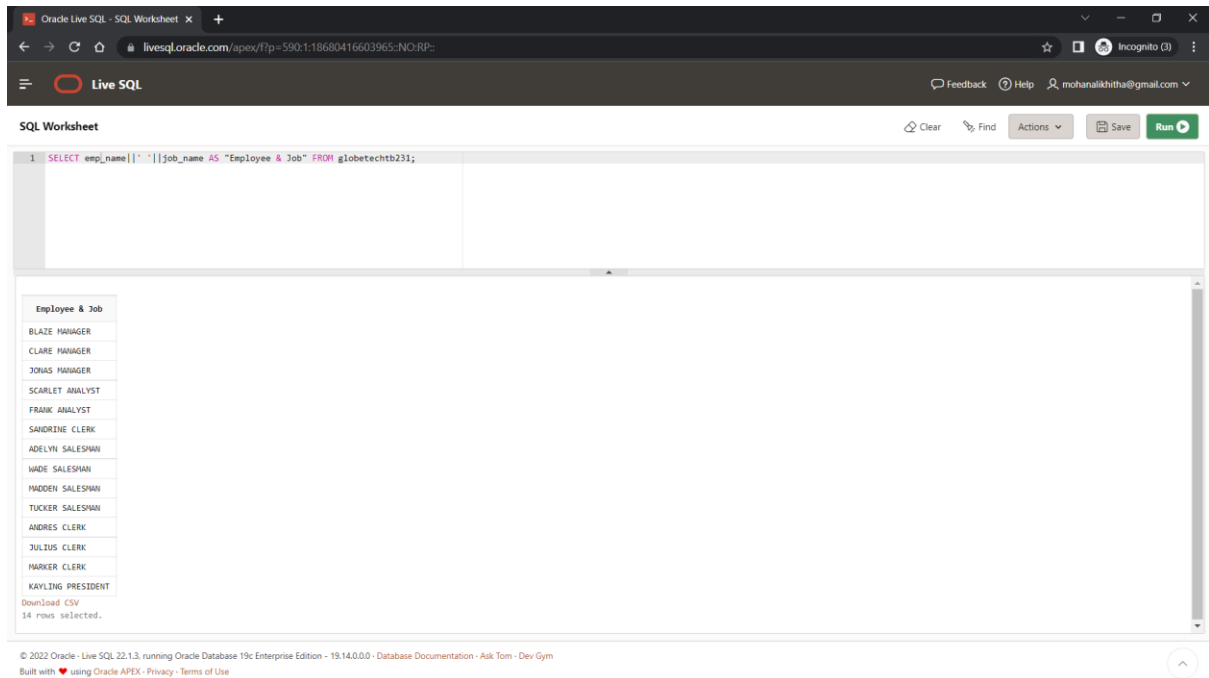
The screenshot shows the Oracle Live SQL interface. The SQL Worksheet contains the query: `SELECT emp_name, to_char(1.15*salary,'$99,999') AS "Salary" from globetechtb231;`. The results are displayed in a table with two columns: **EMP_NAME** and **Salary**. The table lists 14 employees and their calculated salaries. Below the table, it indicates "Download CSV" and "14 rows selected." The footer shows the Oracle version and build information.

EMP_NAME	Salary
BLAZE	\$3,163
CLARE	\$2,933
JORAS	\$3,401
SCARLET	\$3,565
FRANK	\$3,565
SANDRINE	\$1,035
ADELVIH	\$1,955
WADE	\$1,553
MADDEN	\$1,553
TUCKER	\$1,840
ANDRES	\$1,380
JULIUS	\$1,208
MARKER	\$1,610
KAYLING	\$6,900

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CASE 5:

SELECT emp_name || ' ' || job_name AS "Employee & Job" FROM globetechtb231;



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SQL Worksheet

Clear Find Actions Save Run

```
1 SELECT emp_name || ' ' || job_name AS "Employee & Job" FROM globetechtb231;
```

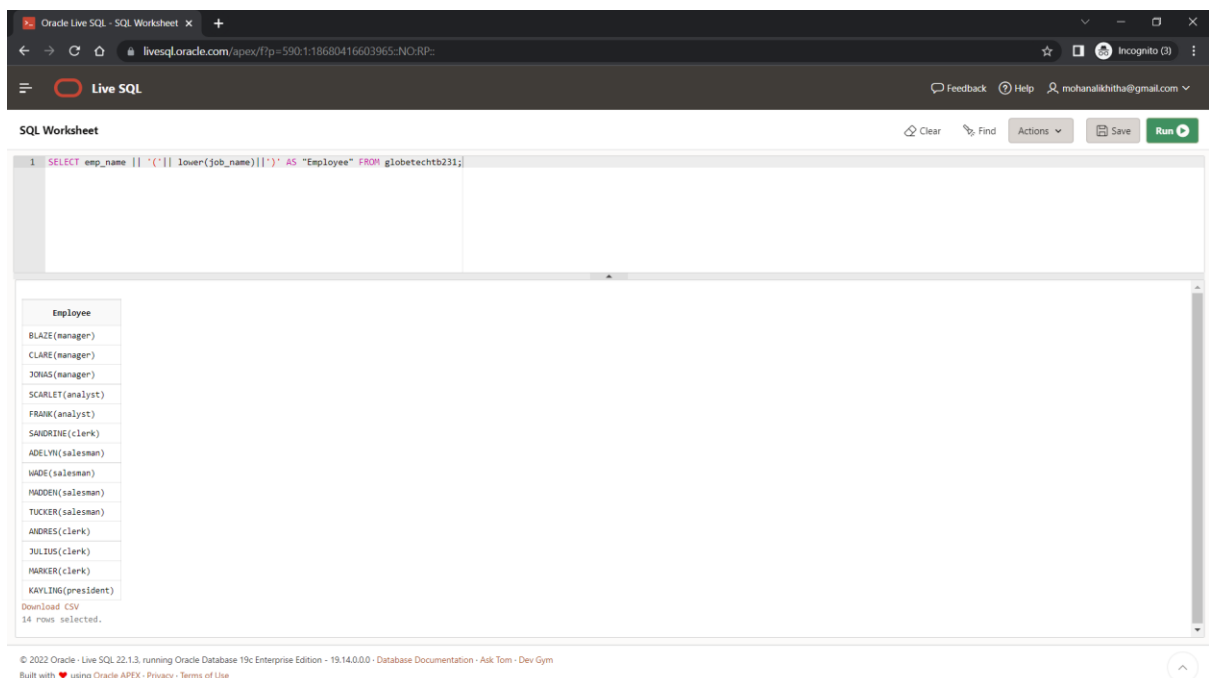
Employee & Job
BLAZE MANAGER
CLARE MANAGER
JONAS MANAGER
SCARLET ANALYST
FRANK ANALYST
SANDRINE CLERK
ADELVH SALESMAN
WADE SALESMAN
MADDEH SALESMAN
TUCKER SALESMAN
ANDRES CLERK
JULIUS CLERK
MARKER CLERK
KAYLING PRESIDENT

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CASE 6:

SELECT emp_name || '(' || lower(job_name) || ')' AS "Employee" FROM globetechtb231;



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SQL Worksheet

Clear Find Actions Save Run

```
1 SELECT emp_name || '(' || lower(job_name) || ')' AS "Employee" FROM globetechtb231;
```

Employee
BLAZE(manager)
CLARE(manager)
JONAS(manager)
SCARLET(analyst)
FRANK(analyst)
SANDRINE(clerk)
ADELVH(salesman)
WADE(salesman)
MADDEH(salesman)
TUCKER(salesman)
ANDRES(clerk)
JULIUS(clerk)
MARKER(clerk)
KAYLING(president)

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CASE 7:

```
SELECT emp_id,  
  
       emp_name,  
  
       salary,  
  
       to_char(hire_date,'MONTH DD,YYYY')  
  
FROM globetechtb231;
```

The screenshot shows the Oracle Live SQL interface. The query entered is:

```
1 SELECT emp_id,  
2      emp_name,  
3      salary,  
4      to_char(hire_date,'MONTH DD,YYYY')  
5 FROM globetechtb231;  
6
```

The results are displayed in a table with 14 rows:

EMP_ID	EMP_NAME	SALARY	TO_CHAR(HIRE_DATE, 'MONTHDD,YYYY')
66928	BLAZE	2750	MAY 01,1991
67832	CLARE	2550	JUNE 09,1991
65640	JONAS	2957	APRIL 02,1991
67858	SCARLET	3100	APRIL 19,1997
69062	FRANK	3100	DECEMBER 03,1991
63679	SANDRINE	900	DECEMBER 18,1990
64989	ADELYN	1700	FEBRUARY 20,1991
65271	HADE	1350	FEBRUARY 22,1991
66564	MADDEN	1350	SEPTEMBER 28,1991
68454	TUCKER	1600	SEPTEMBER 08,1991
68736	ANDRES	1200	MAY 23,1997
69000	JULIUS	1050	DECEMBER 03,1991
69324	PARKER	1400	JANUARY 23,1992
68319	KAYLING	6000	NOVEMBER 18,1991

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CASE 8:

```
SELECT length(trim(emp_name)) FROM globetechtb231;
```

The screenshot shows the Oracle Live SQL interface. The query entered is:

```
1 SELECT length(trim(emp_name)) FROM globetechtb231;
```

The results are displayed in a table with 14 rows:

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

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