Case 1:

```
CREATE TABLE globetechtb231 (emp_id INTEGER NOT NULL,
                             emp_name varchar(100) NOT NULL,
                             job_name varchar(100) NOT NULL,
                             manager_id INTEGER,
                             hire_date DATE NOT NULL,
                             salary FLOAT NOT NULL,
                             commission FLOAT,
                             dep_id INTEGER NOT NULL);
```

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'),1700.00,400.00,3001);

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'),1350.00,600.00,3001);

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 (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 (68736,'ADNRES','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,NULL,1001);

Live SQL

Feedback   Help   jilanishaik2804@gmail.com

ORA-00942: table or view does not exist

My Session

Actions ∨   Reset Session   Save

Statement 18

select * from globetechtb231

EMP_ID	EMP_NAME	JOB_NAME	MANAGER_ID	HIRE_DATE	SALARY	COMMISSION	DEP_ID
68319	KAYLING	PRESIDENT	-	18-NOV-91	6000	-	1001
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	ADELYN	SALESMAN	66928	20-FEB-91	1700	400	3001
65271	WADE	SALESMAN	66928	22-FEB-91	1350	600	3001
66564	MADDEN	SALESMAN	66928	28-SEP-91	1350	1500	3001
68454	TUCKER	SALESMAN	66928	08-SEP-91	1600	0	3001
68736	ADNRES	CLERK	67858	23-MAY-97	1200	-	2001
69000	JULIUS	CLERK	66928	03-DEC-91	1050	-	3001

Download CSV
13 rows selected.

Case 2: From the above table, write a SQL query to find the salaries of all employees. Return salary

select salary from globetechtb231;

Case 3: From the above table, write a SQL query to find the unique designations of the employees. Return job name.

select distinct job_name from globetechtb231;

Case 4: From the following table, write a SQL query to list the employees' name, increased their salary by 15%, and expressed as number of Dollars.

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

Case 5: From the above table, write a SQL query to list the employee's name and job name as a format of "Employee & Job".

select emp_name|| '   ' ||job_name as "Employee & Job"

from globetechtb231;

Case 6: From the same table - Write a query in SQL to produce the output of employees as follows
Employee JONAS(manager).

Case 7: From the above table, write a SQL query to find those employees with hire date in the format like February 22, 1991. Return employee ID, employee name, salary, hire date

Case 8: From the above table, write a SQL query to count the number of characters except the spaces for each employee name. Return employee name length.

SQL Worksheet   ⬧ Clear   ✎ Find   [Actions ﹀]   [💾 Save]   [**Run ▶**]

```
1    select length(trim(emp_name))
2    from globetechtb231;
3
4
```

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

Download CSV
13 rows selected.

Case 9: From the following table, write a SQL query to find the employee ID, salary, and commission of all the employees

select emp_id,salary,commission from globetechtb231;

SQL Worksheet   ⬧ Clear   ✎ Find   [Actions ﹀]   [💾 Save]   [**Run ▶**]

```
1    select emp_id,salary,commission from globetechtb231;
2
```

EMP_ID	SALARY	COMMISSION
68319	6000	-
66928	2750	-
67832	2550	-
65646	2957	-
67858	3100	-
69062	3100	-
63679	900	-
64989	1700	400
65271	1350	600
66564	1350	1500
68454	1600	0
68736	1200	-
69000	1050	-

Download CSV
13 rows selected.

case 10: write a SQL query to find the unique department with jobs. Return department ID, Job name

select distinct dep_id, job_name from globetechtb231;

case 11: write a SQL query to find those employees who do not belong to the department 2001.

Return complete information about the employees.

select * from globetechtb231 where dep_id NOT IN (2001);

Case 12: write a SQL query to find those employees who joined before 1991.

Return complete information about the employees

SELECT *

FROM globetechtb231

WHERE hire_date<('01-JAN-1991');

case 13: write a SQL query to compute the average salary of those employees who work as 'ANALYST'.Return average salary.

SELECT avg(salary)

FROM globetechtb231

WHERE job_name = 'ANALYST';

case 14: write a SQL query to find the details of the employee 'BLAZE'

select * from globetechtb231 where emp_name = 'BLAZE'';

case 15: write a SQL query to find those employees whose commission is more than their salary.

Return complete information about the employees

SELECT *

FROM employees

WHERE commission>salary;

case 16: write a SQL query to find those employees whose salary exceeds 3000 after giving 25% increment. Return complete information about the employees

select * from globetechtb231 where (1.25*salary) > 3000;

EMP_ID	EMP_NAME	JOB_NAME	MANAGER_ID	HIRE_DATE	SALARY	COMMISSION	DEP_ID
68319	KAYLING	PRESIDENT	-	18-NOV-91	6000	-	1001
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

Download CSV
6 rows selected.

case 17: write a SQL query to find the names of the employees whose length is six.

Return employee name

select emp_name from globetechtb231 where length(emp_name)=6;
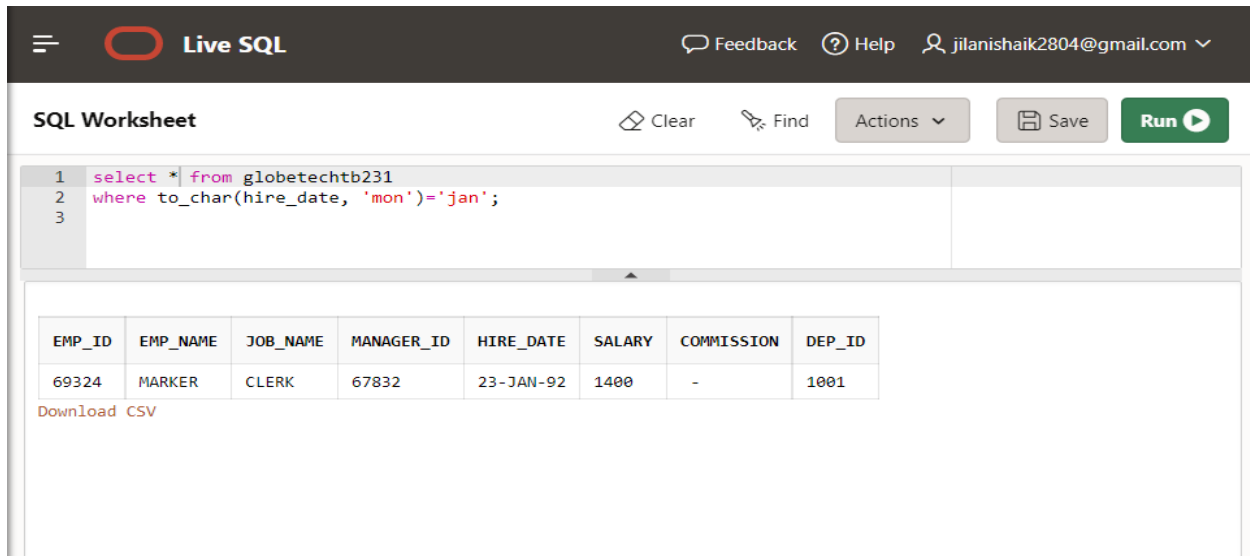
EMP_NAME
JONAS
ADELYN
MADDEN
TUCKER
ADNRES
JULIUS

Download CSV
6 rows selected.

case 18: write a SQL query to find those employees who joined in the month January.

Return complete information about the employees

select * from globetechtb231 where to_char(hire_date, 'mon')='jan';

case 19: write a SQL query to find the name of employees and their manager separated by the string 'works for'.

select e.emp_name || ' works for ' || m.emp_name

from globetechtb231 e,

   globetechtb231 m

where e.manager_id = m.emp_id;

SQL Worksheet   ⬧ Clear   ✂ Find   Actions ⌄   💾 Save   **Run** ▶

```
1  SELECT e.emp_name || ' works for ' || m.emp_name
2  FROM globetechtb231 e,
3      globetechtb231 m
4  WHERE e.manager_id = m.emp_id;
5
```

E.EMP_NAME||'WORKSFOR'||M.EMP_NAME
BLAZE works for KAYLING
CLARE works for KAYLING
JONAS works for KAYLING
ADELYN works for BLAZE
WADE works for BLAZE
MADDEN works for BLAZE
TUCKER works for BLAZE
JULIUS works for BLAZE
SCARLET works for JONAS
FRANK works for JONAS
ADNRES works for SCARLET
SANDRINE works for FRANK

Download CSV
12 rows selected.

case 20: write a SQL query to find those employees whose designation is 'CLERK'.

Return complete information about the employees.

select * from globetechtb231 where job_name = 'CLERK';

SQL Worksheet   ⬧ Clear   ✂ Find   Actions ⌄   💾 Save   **Run** ▶

```
1  SELECT *
2  FROM globetechtb231
3  WHERE job_name = 'CLERK';
4
5
```

EMP_ID	EMP_NAME	JOB_NAME	MANAGER_ID	HIRE_DATE	SALARY	COMMISSION	DEP_ID
63679	SANDRINE	CLERK	69062	18-DEC-90	900	-	2001
68736	ADNRES	CLERK	67858	23-MAY-97	1200	-	2001
69000	JULIUS	CLERK	66928	03-DEC-91	1050	-	3001

Download CSV
3 rows selected.