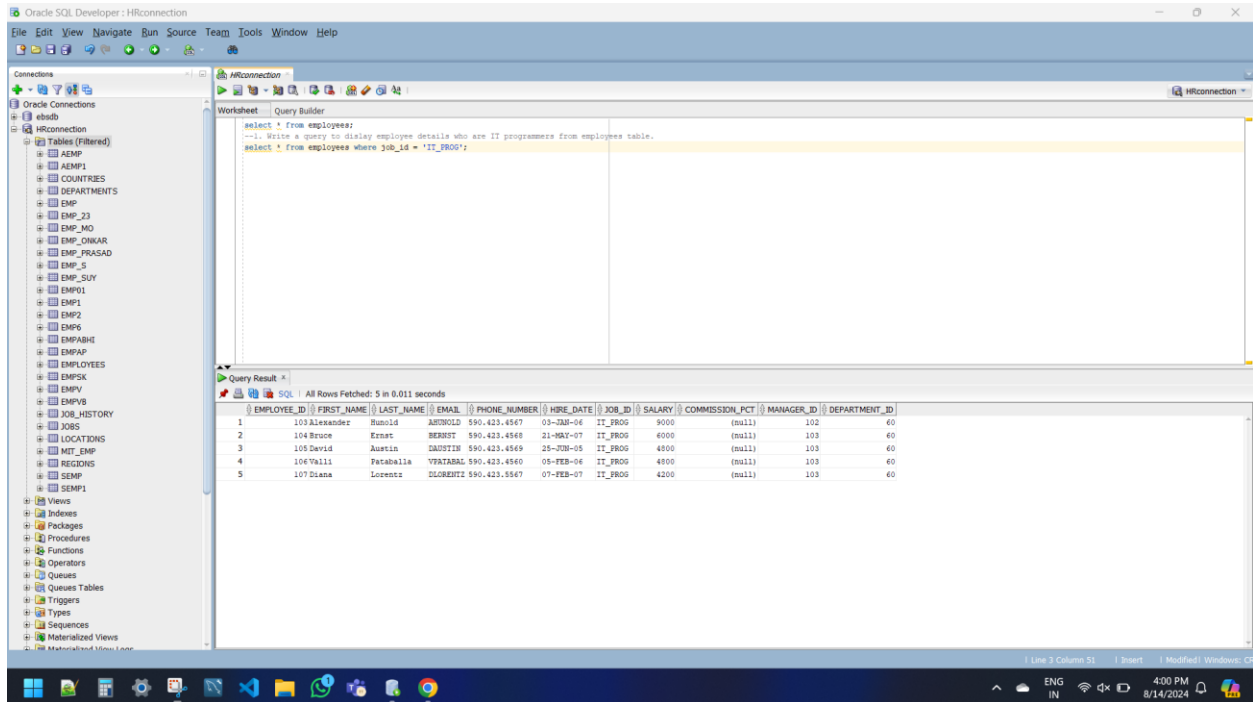


--1. Write a query to display employee details who are IT programmers from employees table.

`select * from employees where job_id = 'IT_PROG';`



The screenshot shows the Oracle SQL Developer interface. The 'Connections' pane on the left lists various database objects. The 'Worksheet' pane in the center contains the following SQL query:

```
select * from employees;
--1. Write a query to display employee details who are IT programmers from employees table.
select * from employees where job_id = 'IT_PROG';
```

The 'Query Result' pane at the bottom displays the results of the query, showing 5 rows fetched in 0.011 seconds. The results are as follows:

EMPLOYEE_ID	FIRST_NAME	LAST_NAME	EMAIL	PHONE_NUMBER	HIRE_DATE	JOB_ID	SALARY	COMMISSION_PCT	MANAGER_ID	DEPARTMENT_ID
1	Alexander	Burns	ABERNOLD	590.423.4567	03-JAN-04	IT_PROG	9000	(null)	102	60
2	Bruce	Ernst	BERNST	590.423.4568	21-MAY-07	IT_PROG	6000	(null)	103	60
3	David	Austin	DAUSTIN	590.423.4569	24-JUN-05	IT_PROG	4900	(null)	103	60
4	Walli	Pataballa	VPATABAL	590.423.4560	05-FEB-06	IT_PROG	4800	(null)	103	60
5	Diana	Lorentz	DLORENTZ	590.423.5567	07-FEB-07	IT_PROG	4200	(null)	103	60

--2. Write a query to display employees who earns 10000 or more than that

`select * from employees where salary >= 10000;`

Oracle SQL Developer: HRconnection

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Connections

Oracle Connections

HRconnection

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EMP23

EMP_MO

EMP_ONKAR

EMP_PRASAD

EMP_S

EMP_SUY

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Worksheet Query Builder

```

select * from employees;
--1. Write a query to display employee details who are IT programmers from employees table.
select * from employees where job_id = 'IT_PROG';
--2. Write a query to display employees who earns 10000 or more than that
select * from employees where salary >= 10000;

```

Query Result

All Rows Fetched: 19 in 0.18 seconds

EMPLOYEE_ID	FIRST_NAME	LAST_NAME	EMAIL	PHONE_NUMBER	HIRE_DATE	JOB_ID	SALARY	COMMISSION_PCT	MANAGER_ID	DEPARTMENT_ID
1	Steven	King	SKING	515.123.4567	17-JUN-03	AD_PRES	24000	(null)	(null)	90
2	Neena	Kochhar	NKOCHHAR	515.123.4568	21-SEP-05	AD_VP	17000	(null)	100	90
3	Lex	De Haan	LDEHAAN	515.123.4569	13-JAN-01	AD_VP	17000	(null)	100	90
4	Nancy	Greenberg	NGREENBERG	515.124.4569	17-AUG-02	FI_MGR	12000	(null)	101	100
5	Den	Raphaely	DRAPHAEL	515.127.4561	07-DEC-02	PU_MGR	11000	(null)	100	30
6	John	Russell	JRUSSSEL	011.44.1344.429268	01-OCT-04	SA_MGR	14000	0.4	100	80
7	Jane	Parker	JPARKER	011.44.1344.429268	09-JAN-05	SA_MGR	13000	0.3	100	80
8	Alberto	Ernst	AERST	011.44.1344.429270	10-MAR-05	SA_MGR	12000	0.3	100	80
9	Gerald	Cambrault	GCAMBRAU	011.44.1344.429268	15-OCT-07	SA_MGR	11000	0.3	100	80
10	Eliz	Stevens	ESTEVENS	011.44.1344.429268	29-JAN-08	SA_MGR	10500	0.2	100	80
11	Peter	Tucker	PTUCKER	011.44.1344.129268	30-JAN-04	SA_REP	10000	0.3	145	80
12	Debbie	King	DKING	011.44.1345.429268	30-JAN-04	SA_REP	10000	0.35	146	80
13	Claire	Vishney	CVISHNEY	011.44.1344.129268	11-MAY-06	SA_REP	10500	0.25	147	80
14	Lisa	Ozer	LOZER	011.44.1343.929268	11-MAR-05	SA_REP	11500	0.25	148	80
15	Barron	Bloom	BBLOOM	011.44.1343.929268	23-MAR-06	SA_REP	10000	0.2	148	80
16	Ellen	Abel	EABEL	011.44.1644.429267	11-MAY-04	SA_REP	11000	0.3	149	80
17	Michael	Hartstein	MHARTSTE	515.123.5555	17-FEB-04	HR_MGR	13000	(null)	100	20
18	Bernard	Barber	BBARBER	515.123.5555	07-JUN-02	HR_REP	10000	(null)	101	20

Line 25 Column 1 Insert Modified: Windows: CR

--3. Write a query to display employees who are not IT programmers

select * from employees where job_id not in('IT_PROG');

Oracle SQL Developer: HRconnection

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Connections

Oracle Connections

HRconnection

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EMP

EMP23

EMP_MO

EMP_ONKAR

EMP_PRASAD

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Worksheet Query Builder

```

select * from employees;
--1. Write a query to display employee details who are IT programmers from employees table.
select * from employees where job_id = 'IT_PROG';
--2. Write a query to display employees who earns 10000 or more than that
select * from employees where salary >= 10000;
--3. Write a query to display employees who are not IT programmers
select * from employees where job_id not in('IT_PROG');

```

Query Result

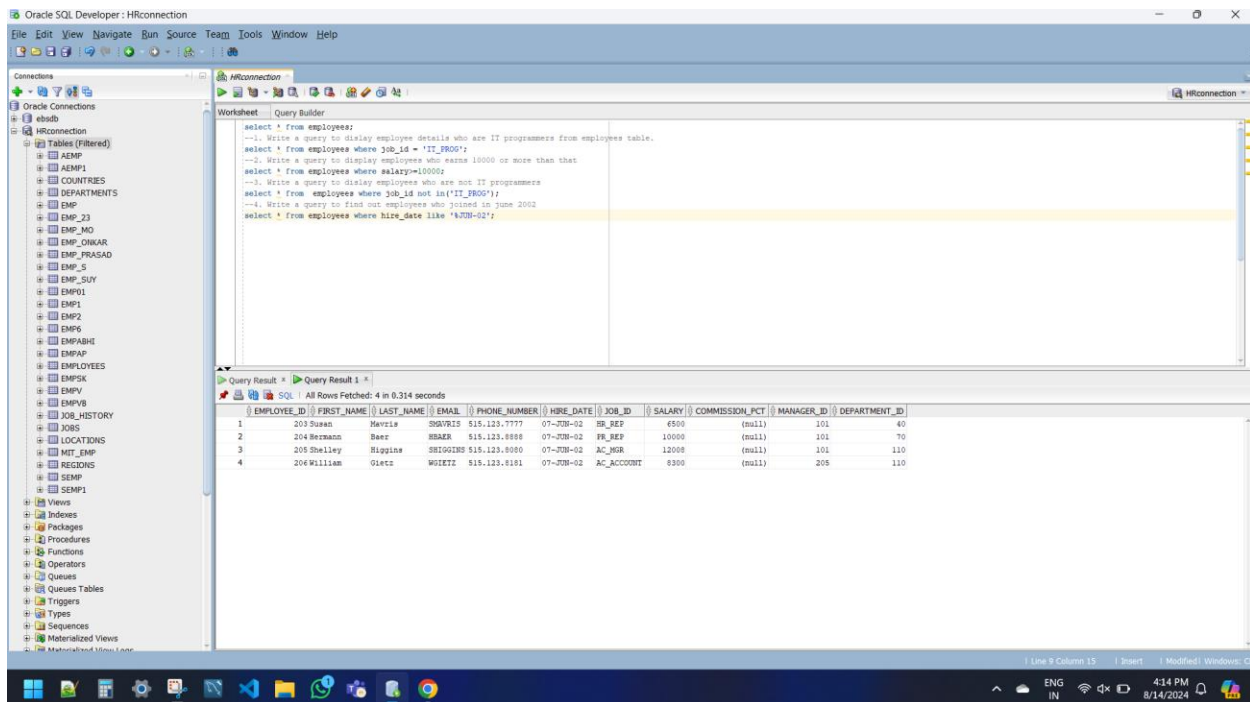
All Rows Fetched: 182 in 0.077 seconds

EMPLOYEE_ID	FIRST_NAME	LAST_NAME	EMAIL	PHONE_NUMBER	HIRE_DATE	JOB_ID	SALARY	COMMISSION_PCT	MANAGER_ID	DEPARTMENT_ID
1	Steven	King	SKING	515.123.4567	17-JUN-03	AD_PRES	24000	(null)	(null)	90
2	Neena	Kochhar	NKOCHHAR	515.123.4568	21-SEP-05	AD_VP	17000	(null)	100	90
3	Lex	De Haan	LDEHAAN	515.123.4569	13-JAN-01	AD_VP	17000	(null)	100	90
4	Nancy	Greenberg	NGREENBERG	515.124.4569	17-AUG-02	FI_MGR	12000	(null)	101	100
5	Daniel	Faviet	DFAVIET	515.124.4169	16-AUG-02	FI_ACCOUNT	9000	(null)	108	100
6	John	Chen	JCHEN	515.124.4269	28-SEP-05	FI_ACCOUNT	8200	(null)	108	100
7	Samuel	Stearns	SSTEARNS	515.124.4369	30-SEP-05	FI_ACCOUNT	7700	(null)	108	100
8	Scott	Tymson	STYMON	515.124.4469	07-MAR-04	FI_ACCOUNT	7900	(null)	108	100
9	Ismael	Popp	IPOPP	515.124.4567	07-DEC-02	FI_ACCOUNT	4900	(null)	108	100
10	Den	Raphaely	DRAPHAEL	515.127.4561	07-DEC-02	PU_MGR	11000	(null)	100	30
11	Alexander	Koo	AKOO	515.127.4562	10-MAY-03	PU_CLERK	3100	(null)	114	30
12	Shelli	Beale	SBEALE	515.127.4563	24-DEC-05	PU_CLERK	2900	(null)	114	30
13	Sigal	Tobias	STOBIAS	515.127.4564	24-JUL-05	PU_CLERK	2800	(null)	114	30
14	Guy	Himuro	GHIMURO	515.127.4565	18-MAY-04	PU_CLERK	2600	(null)	114	30
15	Waren	Colmenares	WCOLMENAR	515.127.4566	10-AUG-07	PU_CLERK	2500	(null)	114	30
16	Matthew	Weiss	MWEISS	480.123.1234	18-JUL-04	ST_MGR	8000	(null)	100	50
17	Adam	Frisp	AFRISP	480.123.2234	10-APR-05	ST_MGR	8200	(null)	100	50
18	Payam	Neel	PNEEL	480.123.3234	01-MAY-03	ST_MGR	7900	(null)	100	50

Line 24 Column 1 Insert Modified: Windows: CR

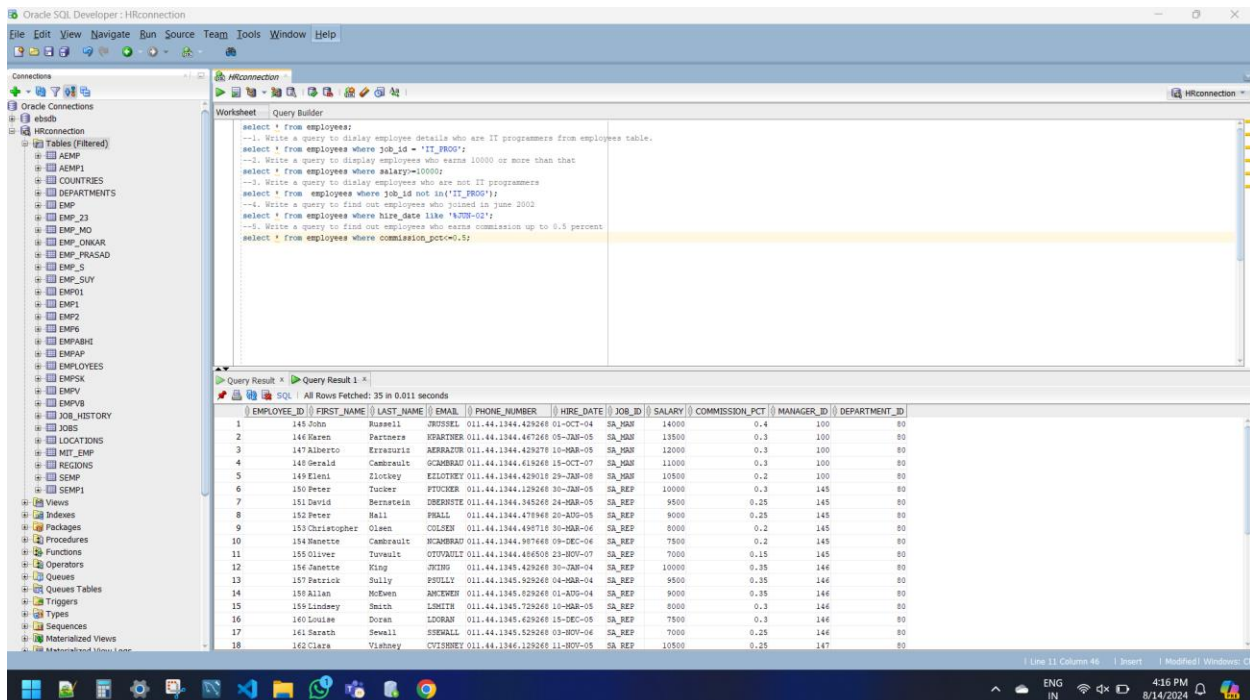
--4. Write a query to find out employees who joined in June 2002

select * from employees where hire_date like '%JUN-02';



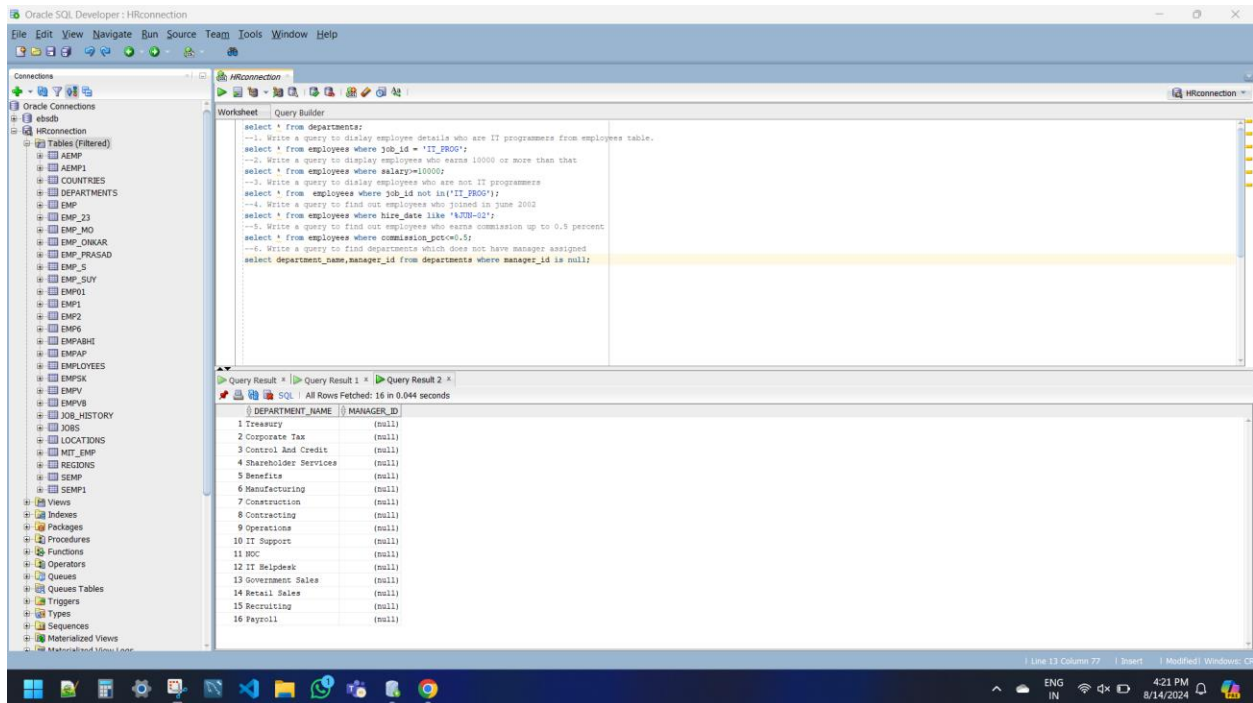
--5. Write a query to find out employees who earns commission up to 0.5 percent

`select * from employees where commission_pct <= 0.5;`



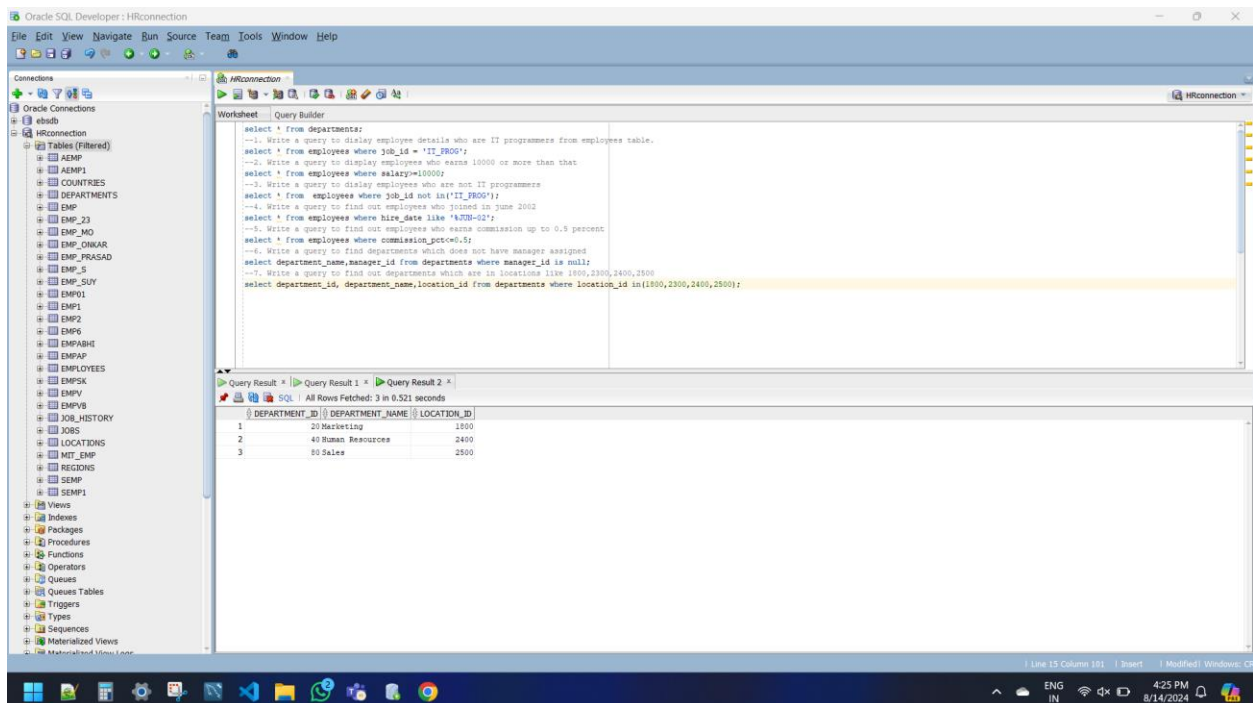
--6. Write a query to find departments which does not have manager assigned

`select department_name, manager_id from departments where manager_id is null;`



--7. Write a query to find out departments which are in locations like 1800,2300,2400,2500

select department_id, department_name, location_id from departments where location_id in(1800,2300,2400,2500);



--8. Write a query to find out employees whose name contains letter 'p' in it and sort the result in ascending order.

select * from employees where lower(first_name)like '%p%' order by first_name;

The screenshot shows the Oracle SQL Developer interface. The left pane displays the database schema with tables like EMP, EMP2, EMP3, etc. The main pane shows a query result for the query: `select * from employees where lower(first_name)like '%p%' order by first_name;`. The result is a table with 8 rows and 10 columns: EMPLOYEE_ID, FIRST_NAME, LAST_NAME, EMAIL, PHONE_NUMBER, HIRE_DATE, JOB_ID, SALARY, COMMISSION_PCT, and DEPARTMENT_ID.

EMPLOYEE_ID	FIRST_NAME	LAST_NAME	EMAIL	PHONE_NUMBER	HIRE_DATE	JOB_ID	SALARY	COMMISSION_PCT	DEPARTMENT_ID
1	153 Christopher	Olsen	COLSEN	011.44.1344.496718	30-MAR-06	SA_REP	8000	0.2	145
2	202 Pat	Fay	PFAY	403.123.4444	17-AUG-05	HR_REP	6000	(null)	201
3	157 Patrick	Sully	PSULLY	011.44.1345.432620	04-MAR-04	SA_REP	9500	0.35	146
4	122 Payam	Kaufling	PKAUFLIN	650.123.3234	01-MAY-03	ST_MAN	7900	(null)	100
5	152 Peter	Hall	PHALL	011.44.1344.478969	20-AUG-05	SA_REP	9000	0.25	145
6	144 Peter	Vargas	PVARGAS	650.121.2004	09-JUL-06	ST_CLERK	2500	(null)	124
7	150 Peter	Tucker	PTUCKER	011.44.1344.123249	30-JAN-05	SA_REP	10000	0.3	145
8	136 Stephen	Stiles	STILES	650.121.2034	26-OCT-05	ST_CLERK	3200	(null)	123

--9. Write a query to find out employees who are Managers and sort the result in descending order.

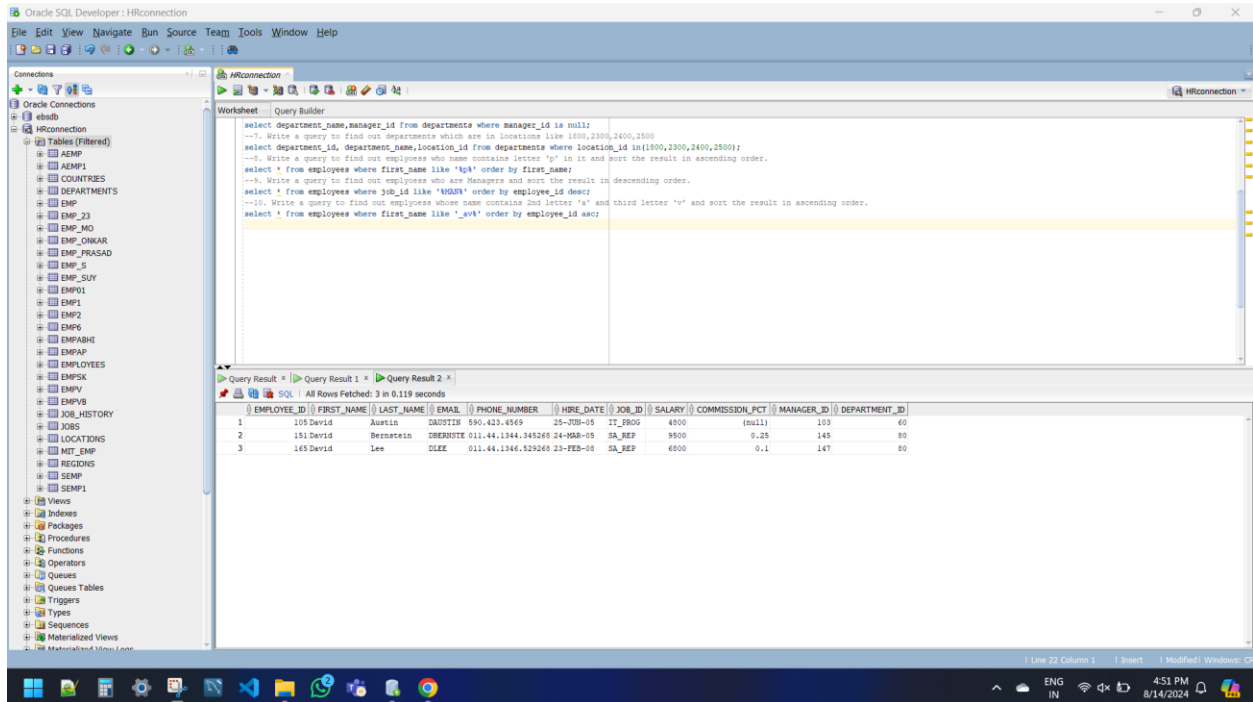
select * from employees where job_id like '%MAN%' order by employee_id desc;

The screenshot shows the Oracle SQL Developer interface. The left pane displays the database schema. The main pane shows a query result for the query: `select * from employees where job_id like '%MAN%' order by employee_id desc;`. The result is a table with 12 rows and 10 columns: EMPLOYEE_ID, FIRST_NAME, LAST_NAME, EMAIL, PHONE_NUMBER, HIRE_DATE, JOB_ID, SALARY, COMMISSION_PCT, and DEPARTMENT_ID.

EMPLOYEE_ID	FIRST_NAME	LAST_NAME	EMAIL	PHONE_NUMBER	HIRE_DATE	JOB_ID	SALARY	COMMISSION_PCT	DEPARTMENT_ID
1	201 Michael	Barrastein	MBARRSTE	515.123.5555	17-FEB-04	HR_MGR	10000	(null)	100
2	149 Eleni	Zlotkey	EZLOTKEY	011.44.1344.429018	29-MAR-05	SA_MGR	10500	0.2	100
3	148 Gerald	Chambaux	GCHAMBAU	011.44.1344.419240	15-OCT-07	SA_MGR	11000	0.3	100
4	147 Alberto	Errasuriz	AERRAZUR	011.44.1344.429270	10-MAR-05	SA_MGR	12000	0.3	100
5	146 Aaron	Partenece	APARTNER	011.44.1344.467260	05-JAN-05	SA_MGR	13500	0.3	100
6	145 John	Russell	JRUSSEL	011.44.1344.429269	01-OCT-04	SA_MGR	14000	0.4	100
7	124 Devina	Mourges	DMOURGES	650.123.3234	16-AUG-07	ST_MGR	9800	(null)	100
8	123 Shanta	Vollman	SVOLLMAN	650.123.3234	10-OCT-05	ST_MGR	6500	(null)	100
9	122 Payam	Kaufling	PKAUFLIN	650.123.3234	01-MAY-03	ST_MGR	7900	(null)	100
10	121 Adam	Fripp	AFRIPP	650.123.2234	10-APR-05	ST_MGR	8200	(null)	100
11	120 Matthew	Weiss	MWEISS	650.123.1234	18-JUL-04	ST_MGR	8000	(null)	100
12	114 Den	Raphaely	DRAPHAEL	515.127.4561	07-DEC-02	FO_MGR	11000	(null)	100

--10. Write a query to find out employees whose name contains 2nd letter 'a' and third letter 'v' and sort the result in ascending order.

select * from employees where first_name like '_av%' order by employee_id asc;

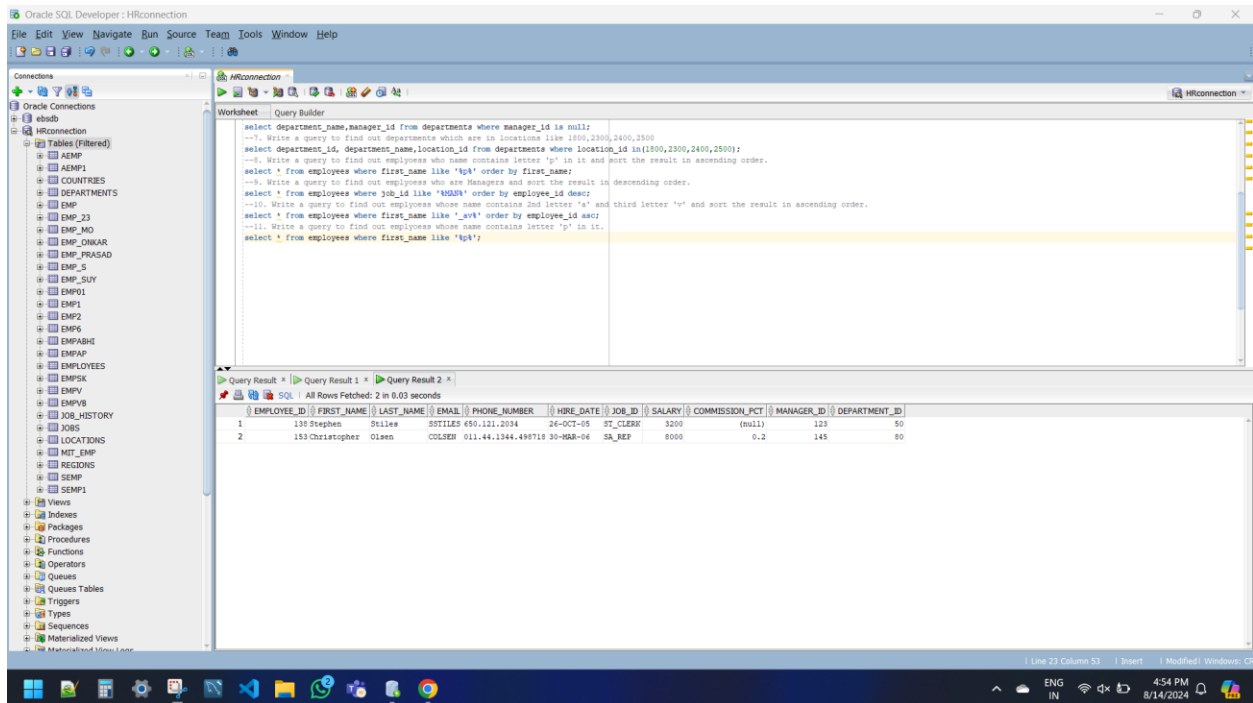


The screenshot shows the Oracle SQL Developer interface. The 'Connections' pane on the left lists various database connections, with 'HRConnection' selected. The 'Worksheet' pane in the center contains a SQL query:
select department_name, manager_id from departments where manager_id is null;
--7. Write a query to find out departments which are in locations like 1800,2300,2400,2500
select department_id, department_name, location_id from departments where location_id in(1800,2300,2400,2500);
--8. Write a query to find out employees whose name contains letter 'v' in it and sort the result in ascending order.
select * from employees where first_name like 'v%' order by first_name;
--9. Write a query to find out employees who are Managers and sort the result in descending order.
select * from employees where job_id like 'MAN%' order by employee_id desc;
--10. Write a query to find out employees whose name contains 2nd letter 'a' and third letter 'v' and sort the result in ascending order.
select * from employees where first_name like '_av%' order by employee_id asc;
The 'Query Result' pane at the bottom displays the results of the query, showing 3 rows fetched in 0.119 seconds. The results are as follows:

EMPLOYEE_ID	FIRST_NAME	LAST_NAME	EMAIL	PHONE_NUMBER	HIRE_DATE	JOB_ID	SALARY	COMMISSION_PCT	MANAGER_ID	DEPARTMENT_ID
1	David	Austin	DAUSTIN	590.423.4569	25-JUN-05	IT_PROG	4900	(null)	103	60
2	David	Bernstein	DBERNSTE	011.44.1344.345249	24-MAR-05	SA_REP	9800	0.25	145	80
3	David	Lee	DLEE	011.44.1344.329260	23-FEB-05	SA_REP	6900	0.1	147	80

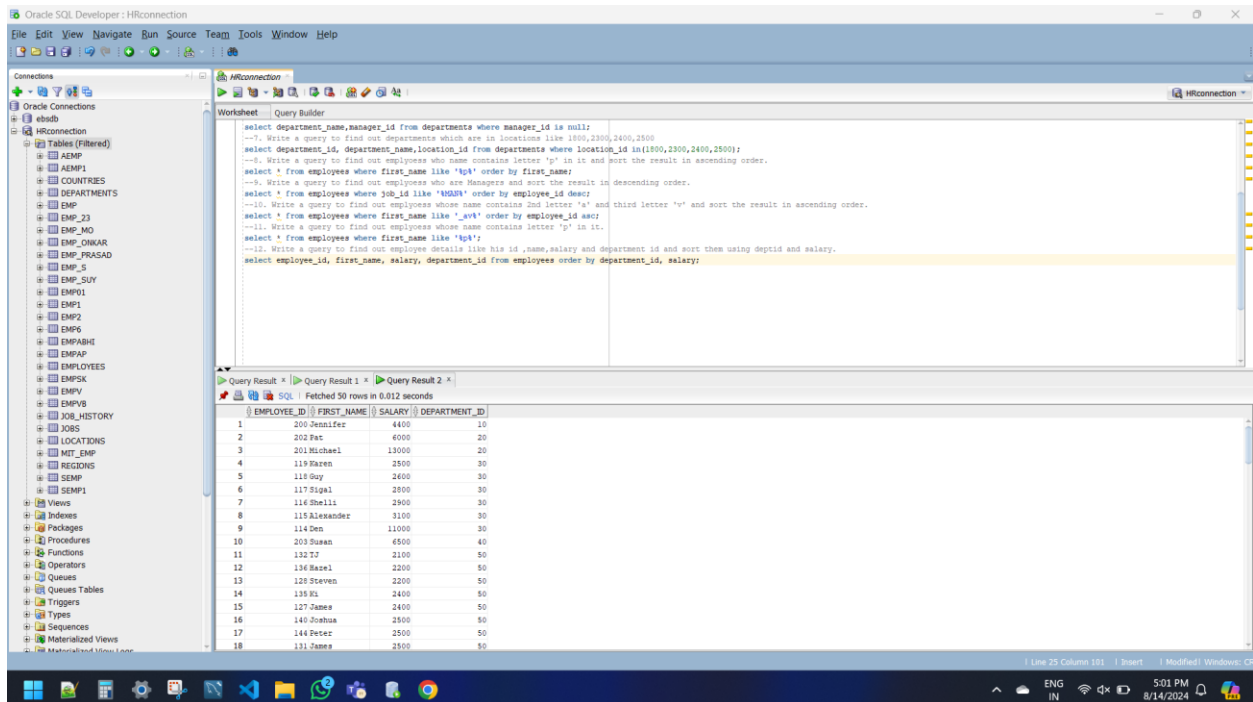
--11. Write a query to find out employees whose name contains letter 'p' in it.

select * from employees where lower(first_name) like '%p%';



--12. Write a query to find out employee details like his id ,name,salary and department id and sort them using deptid and salary.

select employee_id, first_name, salary, department_id from employees order by department_id, salary;



--13. Write a query to find out employees who joined in December month

select * from employees where hire_date like '%DEC%';

The screenshot shows the Oracle SQL Developer interface with a query executed in the Query Builder. The query is: `select * from employees where hire_date like '%DEC%';`. The result set displays 7 rows of employee data.

EMPLOYEE_ID	FIRST_NAME	LAST_NAME	EMAIL	PHONE_NUMBER	HIRE_DATE	JOB_ID	SALARY	COMMISSION_PCT	MANAGER_ID	DEPARTMENT_ID
1	Luis	Popp	LPOPP	515.124.4567	07-DEC-07	FI_ACCOUNT	4900	(null)	108	100
2	Den	Raphaely	DRAPHAEL	515.127.4561	07-DEC-02	PO_MGR	11000	(null)	100	30
3	Shelley	Stevens	SRSTEIN	515.127.4563	24-DEC-05	PU_CLERK	2500	(null)	114	30
4	Gee	Neenan	NEENAN	650.127.1374	12-DEC-07	ST_CLERK	2400	(null)	122	50
5	Hermann	Baer	HBAER	011.44.1344.997669	09-DEC-06	SA_REP	7500	0.2	145	80
6	Louise	Doran	LDORAN	011.44.1345.429268	15-DEC-05	SA_REP	7500	0.3	146	80
7	Randall	Perkins	RPERKINS	650.505.4876	19-DEC-07	SR_CLERK	2500	(null)	122	50

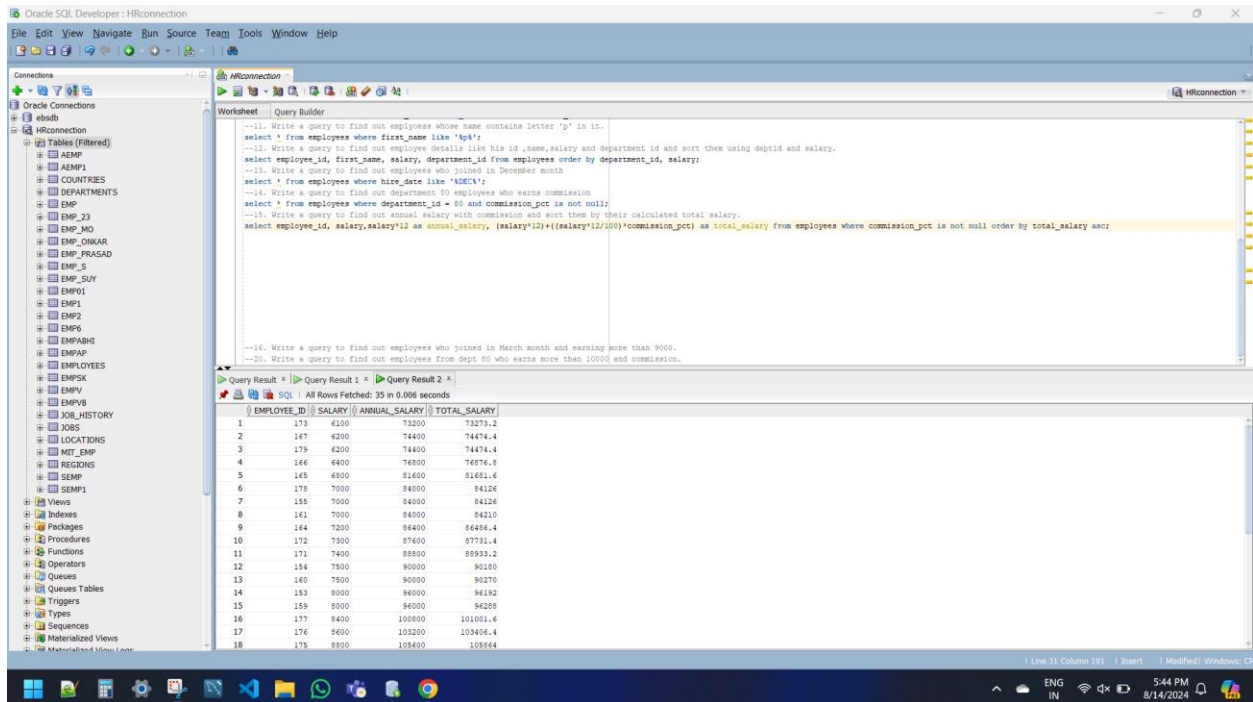
--14. Write a query to find out department 80 employees who earns commission
select * from employees where department_id = 80 and commission_pct is not null;

The screenshot shows the Oracle SQL Developer interface with a query executed in the Query Builder. The query is: `select * from employees where department_id = 80 and commission_pct is not null;`. The result set displays 18 rows of employee data.

EMPLOYEE_ID	FIRST_NAME	LAST_NAME	EMAIL	PHONE_NUMBER	HIRE_DATE	JOB_ID	SALARY	COMMISSION_PCT	MANAGER_ID	DEPARTMENT_ID
1	John	Russell	JRUSSEL	011.44.1344.429268	01-OCT-04	SA_MGR	14000	0.4	100	80
2	Rames	Partners	RPARTNER	011.44.1344.447249	09-JAN-05	SA_MGR	13500	0.3	100	80
3	Alberto	Ernst	AERST	011.44.1344.429270	10-MAR-05	SA_MGR	12000	0.3	100	80
4	Derek	Cambrault	CCAMBRAU	011.44.1344.419249	15-OCT-07	SA_MGR	11000	0.3	100	80
5	Elvis	Storkey	ESTORKEY	011.44.1344.429019	29-JAN-08	SA_MGR	10500	0.2	100	80
6	Peter	Tucker	PTUCKER	011.44.1344.129268	30-JAN-05	SA_REP	10000	0.3	145	80
7	David	Bernstein	DBERNSTE	011.44.1344.145268	24-MAR-04	SA_REP	9500	0.25	145	80
8	Peter	Hall	PHALL	011.44.1344.479249	20-AUG-05	SA_REP	9000	0.25	145	80
9	Christopher	Olsen	COLSEN	011.44.1344.498710	30-MAR-06	SA_REP	8000	0.2	145	80
10	Hermann	Baer	HBAER	011.44.1344.997669	09-DEC-06	SA_REP	7500	0.2	145	80
11	Oliver	Tuvault	OTVAULT	011.44.1344.446908	23-NOV-07	SA_REP	7000	0.15	145	80
12	Jessie	King	JKING	011.44.1345.429268	30-JAN-04	SA_REP	10000	0.35	146	80
13	Peterson	Sully	PSULLY	011.44.1345.429268	04-MAR-04	SA_REP	9500	0.35	146	80
14	Allan	Madow	AMADOW	011.44.1345.429268	01-AUG-04	SA_REP	9000	0.35	146	80
15	Lindsey	Smith	LSMITH	011.44.1345.729268	10-MAR-05	SA_REP	8000	0.3	146	80
16	Louise	Doran	LDORAN	011.44.1345.429268	15-DEC-05	SA_REP	7500	0.3	146	80
17	Debra	Sevally	DSEVALLY	011.44.1345.529268	03-NOV-06	SA_REP	7000	0.25	146	80
18	Clara	Vinhney	CVINHNEY	011.44.1344.129268	31-NOV-05	SA_REP	10500	0.25	147	80

--15. Write a query to find out annual salary with commission and sort them by their calculated total salary.

```
select employee_id, salary, salary*12 as annual_salary, (salary*12)+((salary*12)*commission_pct) as total_salary from employees where commission_pct is not null order by total_salary asc;
```



--16. Write a query to find out employees who joined in March month and earning more than 9000.

```
select * from employees where hire_date like '%MAR%' and salary>9000;
```

Oracle SQL Developer: HRConnection

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Worksheet Query Builder

```
--11. Write a query to find out employees whose name contains letter 'p' in it.
select * from employees where first_name like 'p%';

--12. Write a query to find out employee details like his id ,name,salary and department id and sort them using deptid and salary.
select employee_id, first_name, salary, department_id from employees order by department_id, salary;

--13. Write a query to find out employees who joined in December month
select * from employees where hire_date like 'DEC%';

--14. Write a query to find out department 80 employees who earn commission
select * from employees where department_id = 80 and commission_pct is not null;

--15. Write a query to find out annual salary with commission and sort them by their calculated total salary.
select employee_id, salary,salary*12 as annual_salary, (salary*12/100)*commission_pct as total_salary from employees where commission_pct is not null order by total_salary asc;

--16. Write a query to find out employees who joined in March month and earning more than 9000.
select * from employees where hire_date like 'MAR%' and salary>9000;
```

Query Result 1: All Rows Fetched: 6 in 0.007 seconds

EMPLOYEE_ID	FIRST_NAME	LAST_NAME	EMAIL	PHONE_NUMBER	HIRE_DATE	JOB_ID	SALARY	COMMISSION_PCT	MANAGER_ID	DEPARTMENT_ID
1	Alberto	Errazuriz	AERAZUR	011.44.1344.429279	10-MAR-05	SA_MAN	12000	0.3	100	80
2	David	Burnstein	DBURNST	011.44.1344.345249	24-MAR-05	SA_REP	9500	0.25	145	80
3	Petrus	Sully	PSULLY	011.44.1345.829249	04-MAR-04	SA_REP	9500	0.35	146	80
4	Danielle	Greene	DGREENE	011.44.1346.229249	19-MAR-07	SA_REP	9500	0.15	147	80
5	Lisa	Ozer	LOZER	011.44.1343.829249	11-MAR-05	SA_REP	11500	0.25	149	80
6	Barrisan	Bloom	BLOOM	011.44.1343.829249	23-MAR-06	SA_REP	10000	0.2	148	80

Line 33 Column 26 | Insert | Modified: Windows, CF

--17. Write a query to find out employees from dept 80 who earns more than 10000 and commission.

select * from employees where department_id=80 and salary>10000 and commission_pct is not null;

Oracle SQL Developer: HRConnection

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Oracle Connections

HRConnection

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Worksheet Query Builder

```
--9. Write a query to find out employees who are Managers and sort the result in descending order.
select * from employees where job_id like 'MAN%' order by employee_id desc;

--10. Write a query to find out employees whose name contains 2nd letter 'a' and third letter 'p' and sort the result in ascending order.
select * from employees where first_name like 'a%p%' order by employee_id asc;

--11. Write a query to find out employees whose name contains letter 'p' in it.
select * from employees where first_name like 'p%';

--12. Write a query to find out employee details like his id ,name,salary and department id and sort them using deptid and salary.
select employee_id, first_name, salary, department_id from employees order by department_id, salary;

--13. Write a query to find out employees who joined in December month
select * from employees where hire_date like 'DEC%';

--14. Write a query to find out department 80 employees who earn commission
select * from employees where department_id = 80 and commission_pct is not null;

--15. Write a query to find out annual salary with commission and sort them by their calculated total salary.
select employee_id, salary,salary*12 as annual_salary, (salary*12/100)*commission_pct as total_salary from employees where commission_pct is not null order by total_salary asc;

--16. Write a query to find out employees who joined in March month and earning more than 9000.
select * from employees where hire_date like 'MAR%' and salary>9000;

--17. Write a query to find out employees from dept 80 who earns more than 10000 and commission.
select * from employees where department_id=80 and salary>10000 and commission_pct is not null;

--18. Write a query to find out employees from dept 80 who earns more than 10000 and commission.
select (salary)*((salary/100)*commission_pct) as result from employees where department_id=80 and (salary)*((salary/100)*commission_pct)>10000;
```

Query Result 1: All Rows Fetched: 8 in 0.012 seconds

EMPLOYEE_ID	FIRST_NAME	LAST_NAME	EMAIL	PHONE_NUMBER	HIRE_DATE	JOB_ID	SALARY	COMMISSION_PCT	MANAGER_ID	DEPARTMENT_ID
1	John	Russell	JRUSSEL	011.44.1344.429249	01-OCT-04	SA_MAN	14000	0.4	100	80
2	Baren	Partenza	BPARTEN	011.44.1344.467249	05-JAN-05	SA_MAN	13500	0.3	100	80
3	Alberto	Errazuriz	AERAZUR	011.44.1344.429279	10-MAR-05	SA_MAN	12000	0.3	100	80
4	Devid	Cambault	DCAMBALT	011.44.1344.419249	15-OCT-07	SA_MAN	11000	0.3	100	80
5	Elina	Alison	ELALISON	011.44.1344.429249	29-JAN-06	SA_MAN	10500	0.2	100	80
6	Clara	Vishney	CVISHNEY	011.44.1344.129249	11-MAR-05	SA_REP	10500	0.25	147	80
7	Lisa	Ozer	LOZER	011.44.1343.829249	11-MAR-05	SA_REP	11500	0.25	149	80
8	Elen	Abel	EABEL	011.44.1444.429249	11-MAR-04	SA_REP	11000	0.3	149	80

Line 35 Column 96 | Insert | Modified: Windows, CF

--or

select employee_id, first_name, (salary)+((salary)*commission_pct) as result from
employees where department_id=80 and (salary)+((salary/100)*commission_pct)>10000;

The screenshot shows the Oracle SQL Developer interface. The left pane displays the 'Connections' tree with 'HRConnection' selected. The main window shows a 'Worksheet' with a SQL query. The query is as follows:

```
--9. Write a query to find out employees who are Managers and sort the result in descending order.  
select * from employees where job_id like 'MAN%' order by employee_id desc;  
--10. Write a query to find out employees whose name contains the letter 'a' and third letter 'y' and sort the result in ascending order.  
select * from employees where first_name like '_a_y' order by employee_id asc;  
--11. Write a query to find out employees whose name contains letter 'p' in it.  
select * from employees where first_name like 'p%';  
--12. Write a query to find out employee details like his id ,name,salary and department id and sort them using deptid and salary.  
select employee_id, first_name, salary, department_id from employees order by department_id, salary;  
--13. Write a query to find out employees who joined in December month  
select * from employees where hire_date like 'NDEC%';  
--14. Write a query to find out department 80 employees who earn commission  
select * from employees where department_id = 80 and commission_pct is not null;  
--15. Write a query to find out annual salary with commission and sort them by their calculated total salary.  
select employee_id, salary,salary*12 as ANNUAL_SALARY, (salary*12)/100*commission_pct as TOTAL_SALARY from employees where commission_pct is not null order by total_salary asc;  
--16. Write a query to find out employees who joined in March month and earning more than 9000.  
select * from employees where hire_date like 'MAR%' and salary>9000;  
--20. Write a query to find out employees from dept 80 who earn more than 10000 and commission.  
select * from employees where department_id=80 and salary>10000 and commission_pct is not null;  
--or  
select employee_id,first_name,(salary)+((salary/100)*commission_pct) as result from employees where department_id=80 and (salary)+((salary/100)*commission_pct)>10000;
```

The 'Query Result' pane shows the results of the last query, which is highlighted in yellow in the screenshot. The results are as follows:

EMPLOYEE_ID	FIRST_NAME	RESULT
1	145 John	14056
2	144 Karen	13940.5
3	147 Alberto	12036
4	148 Gerald	11033
5	149 Eliot	10521
6	150 Peter	10030
7	156 Janette	10035
8	142 Clare	10526.25
9	140 Lisa	11528.75
10	149 Harrison	10020
11	174 Ellen	11033

The bottom status bar shows the system time as 5:58 PM on 8/14/2024.