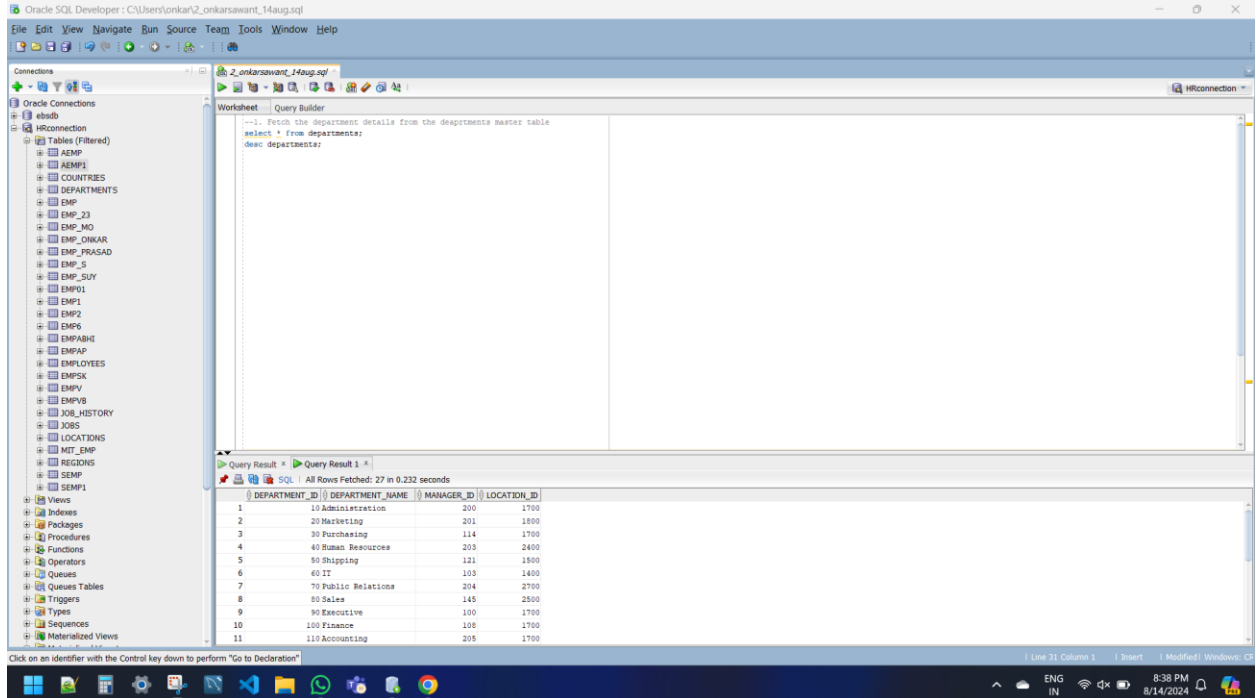


--1. Fetch the department details from the departments master table

select \* from departments;

desc departments;



The screenshot shows the Oracle SQL Developer interface. The left pane displays the database schema with the 'DEPARTMENTS' table selected. The main workspace shows a query window with the following SQL code:

```
--1. Fetch the department details from the departments master table
select * from departments;
desc departments;
```

The query results are displayed in a table with the following columns: DEPARTMENT\_ID, DEPARTMENT\_NAME, MANAGER\_ID, and LOCATION\_ID. The results show 11 rows of data.

DEPARTMENT_ID	DEPARTMENT_NAME	MANAGER_ID	LOCATION_ID
1	Administration	200	1700
2	Marketing	201	1800
3	Purchasing	114	1700
4	Human Resources	203	2400
5	Shipping	121	1800
6	IT	103	1400
7	Public Relations	204	2700
8	Sales	145	2500
9	Executive	100	1700
10	Finance	108	1700
11	Accounting	205	1700

--2. write a query to fetch employee details like emp id, name, salary and job id.

select employee\_id, first\_name || ' ' || last\_name as "Name", salary, job\_id from employees;

Oracle SQL Developer: C:\Users\ponkar2\_onkarsawant\_14aug.sql

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Oracle Connections

ehsdb

HRconnection

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AEMP1

COUNTRIES

DEPARTMENTS

EMP

EMP\_23

EMP\_MO

EMP\_ONMAR

EMP\_PRASAD

EMP\_S

EMP\_SUY

EMP01

EMP1

EMP2

EMP6

EMPABHI

EMPAP

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Worksheet Query Builder

```
--1. Fetch the department details from the departments master table
select * from departments;
desc departments;
--2. write a query to fetch employee details like emp id, name, salary and job id.
select employee_id, first_name || ' ' || last_name as "Name", salary, job_id from employees;
```

Query Result 1

SQL Fetched 50 rows in 0.01 seconds

EMPLOYEE_ID	Name	SALARY	JOB_ID
1	100 Steven King	24000	AD_PRES
2	101 Neena Kochhar	17000	AD_VP
3	102 Lex De Haan	17000	AD_VP
4	103 Alexander Burnold	9000	IT_PROG
5	104 Bruce Ernst	6000	IT_PROG
6	105 David Austin	4800	IT_PROG
7	106 Valli Pataballa	4800	IT_PROG
8	107 Diana Lorentz	4200	IT_PROG
9	108 Nancy Greenberg	12008	FI_MGR
10	109 Daniel Faviet	9000	FI_ACCOUNT
11	110 Shih Chen	8200	FI_ACCOUNT

Click on an identifier with the Control key down to perform "Go to Declaration"

Line 5 Column 93 | Insert | Modified: Windows: CR

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--3. write a query to fetch employee list who do not earn commission

select \* from employees where commission\_pct is null;

Oracle SQL Developer: C:\Users\ponkar2\_onkarsawant\_14aug.sql

File Edit View Navigate Run Source Team Tools Window Help

Connections

Oracle Connections

ehsdb

HRconnection

Tables (Filtered)

AEMP

AEMP1

COUNTRIES

DEPARTMENTS

EMP

EMP\_23

EMP\_MO

EMP\_ONMAR

EMP\_PRASAD

EMP\_S

EMP\_SUY

EMP01

EMP1

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EMP6

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Worksheet Query Builder

```
--1. Fetch the department details from the departments master table
select * from departments;
desc departments;
--2. write a query to fetch employee details like emp id, name, salary and job id.
select employee_id, first_name || ' ' || last_name as "Name", salary, job_id from employees;
--3. write a query to fetch employee list who do not earn commission
select * from employees where commission_pct is null;
```

Query Result 1

SQL All Rows Fetched: 72 in 0.026 seconds

EMPLOYEE_ID	FIRST_NAME	LAST_NAME	EMAIL	PHONE_NUMBER	HIRE_DATE	JOB_ID	SALARY	COMMISSION_PCT	MANAGER_ID	DEPARTMENT_ID
62	Alicia	Wales	AWALESH	650.507.9811	24-APR-04	SH_CLERK	3100	(null)	124	50
63	Kevin	Feeney	KFEENEY	650.507.9822	23-MAY-04	SH_CLERK	3000	(null)	124	50
64	Donald	OConnell	DOCONNEL	650.507.9833	21-JUN-07	SH_CLERK	2400	(null)	124	50
65	Douglas	Grant	DGRANT	650.507.9844	13-JAN-05	SH_CLERK	2400	(null)	124	50
66	Jennifer	Whalen	JWHALEN	615.123.4444	17-SEP-03	AC_ASST	4400	(null)	101	10
67	Michael	Hartstein	MHARTSTE	515.123.5555	17-FEB-04	NC_MAN	13000	(null)	100	20
68	Pat	Fay	PFAY	603.123.4666	17-AUG-05	HR_REP	6000	(null)	201	20
69	Susan	Mavris	SMAVRIS	515.123.7777	07-JUN-02	HR_REP	6500	(null)	101	40
70	Bernman	Beer	BBAER	515.123.8888	07-JUN-02	PR_REP	10000	(null)	101	70
71	Shelley	Popkins	SPOPKINS	515.123.8080	07-JUN-02	AC_MGR	12008	(null)	101	110
72	William	Gietz	WGIEZT	515.123.8181	07-JUN-02	AC_ACCOUNT	8300	(null)	205	110

Click on an identifier with the Control key down to perform "Go to Declaration"

Line 32 Column 1 | Insert | Modified: Windows: CR

8:39 PM 8/14/2024

--4. write a query to display employee's revised salary after adding 1000 TA and 500 DA

select employee\_id, first\_name, salary, salary + 1000 + 500 as "Revised salary" from employees;

The screenshot shows the Oracle SQL Developer interface. The 'Query Builder' tab is active, displaying a query with four steps: 1. Fetch department details, 2. Fetch employee details, 3. Fetch employees with no commission, and 4. Display employee details with a revised salary. The 'Query Result' pane shows the output of the query, which includes columns for employee\_id, first\_name, salary, and revised salary.

EMPLOYEE_ID	FIRST_NAME	SALARY	Revised salary
100	Steven	24000	25500
101	Neena	17000	18500
102	Lex	17000	18500
103	Alexander	9000	10500
104	Bruce	6000	7500
105	David	4800	6300
106	Valli	4800	6300
107	Diana	4200	5700
108	Nancy	12008	13508
109	Daniel	9000	10500
110	John	8200	9700

--5. write a query to display employee's full name and job details

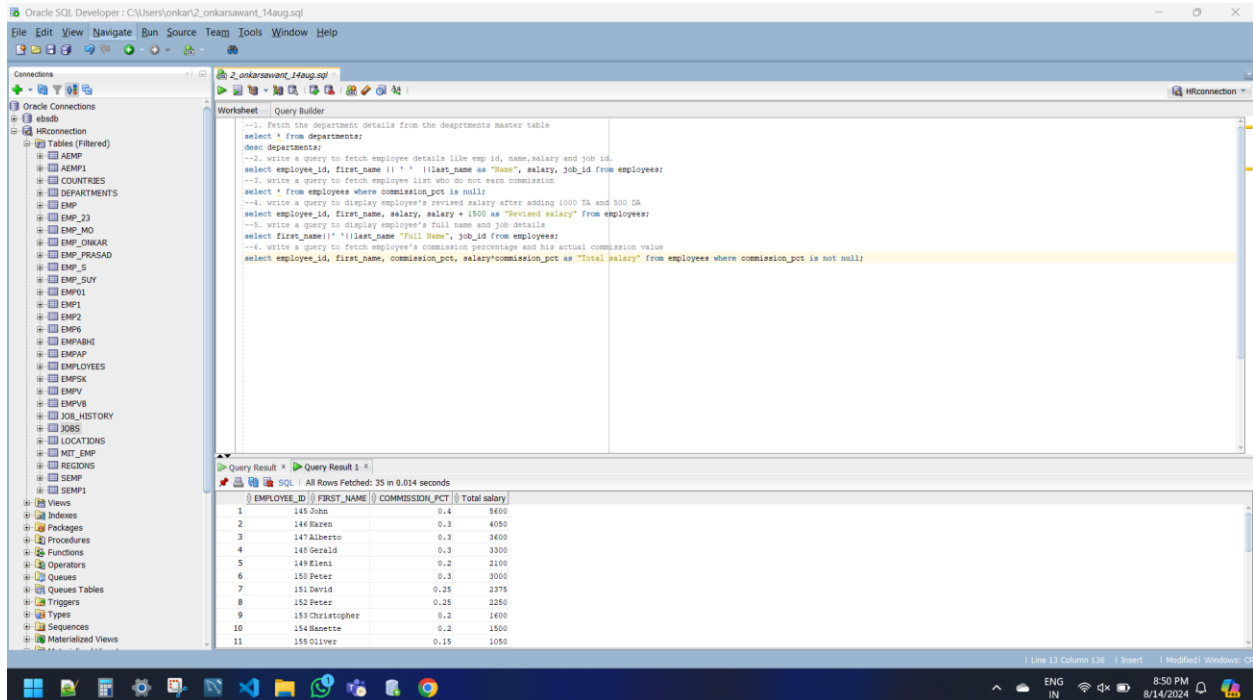
select first\_name||' '||last\_name "Full Name", job\_id from employees;

The screenshot shows the Oracle SQL Developer interface. The 'Query Builder' tab is active, displaying a query with five steps: 1. Fetch department details, 2. Fetch employee details, 3. Fetch employees with no commission, 4. Display employee details with a revised salary, and 5. Display employee full name and job details. The 'Query Result' pane shows the output of the query, which includes columns for Full Name and job\_id.

Full Name	job_id
William Gietz	AC_ACCOUNT
Shelley Higgins	AC_MGR
Jennifer Whalen	AD_ASST
Steven King	AD_PRES
Neena Kochhar	AD_VP
Lex De Haan	AD_VP
Daniel Favarot	FI_ACCOUNT
John Chen	FI_ACCOUNT
Imael Sciarra	FI_ACCOUNT
Rose Marcell Venen	FI_ACCOUNT
Luis Popp	FI_ACCOUNT

--6. write a query to fetch employee's commission percentage and his actual commission value

select employee\_id, first\_name, commission\_pct, salary\*commission\_pct as "Total salary" from employees where commission\_pct is not null;



The screenshot shows the Oracle SQL Developer interface. The 'Connections' pane on the left lists various database objects. The main window displays a SQL query in the 'Worksheet' tab. The query is as follows:

```
--1. Fetch the department details from the departments master table
select * from departments;

--2. write a query to fetch employee details like emp id, name, salary and job id.
select employee_id, first_name || ' ' || last_name as "Name", salary, job_id from employees;

--3. write a query to fetch employee list who do not earn commission
select * from employees where commission_pct is null;

--4. write a query to display employee's revised salary after adding 1000 TA and 500 DA
select employee_id, first_name, salary, salary + 1500 as "Revised salary" from employees;

--5. write a query to display employee's full name and job details
select first_name || ' ' || last_name "Full Name", job_id from employees;

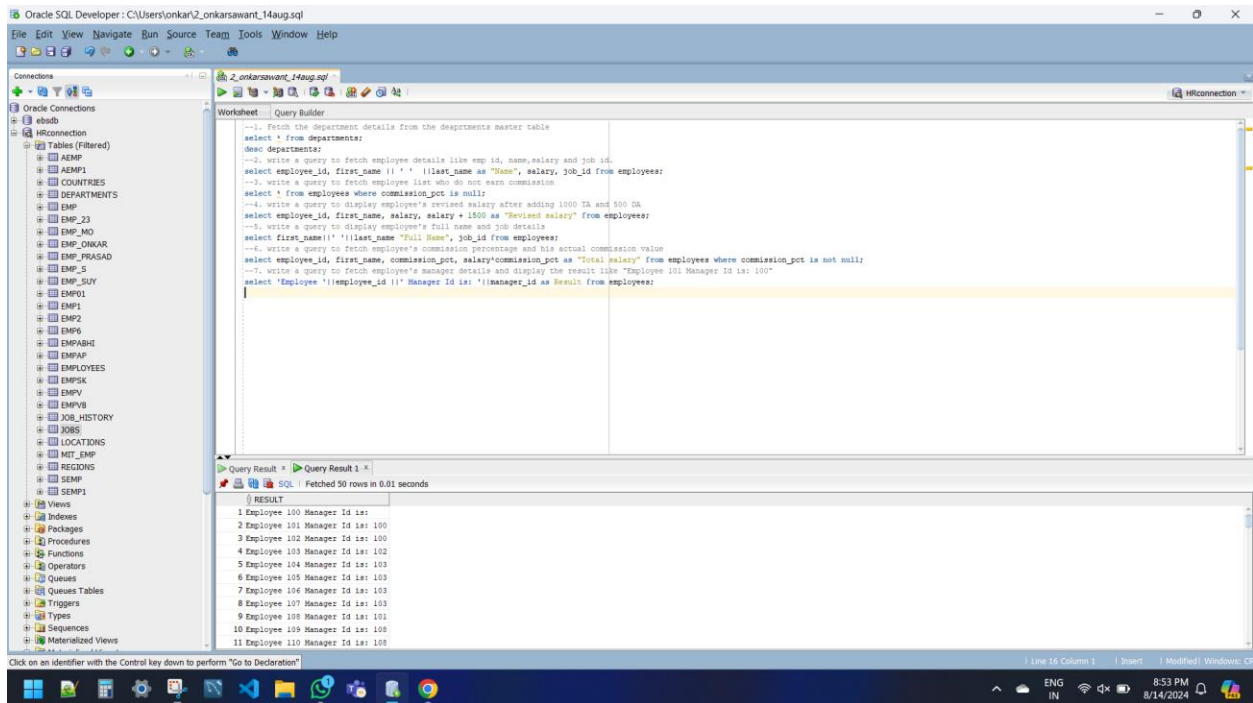
--6. write a query to fetch employee's commission percentage and his actual commission value
select employee_id, first_name, commission_pct, salary*commission_pct as "Total salary" from employees where commission_pct is not null;
```

The 'Query Result' pane at the bottom shows the results of the last query, displaying 11 rows of employee data with their commission percentages and total salaries.

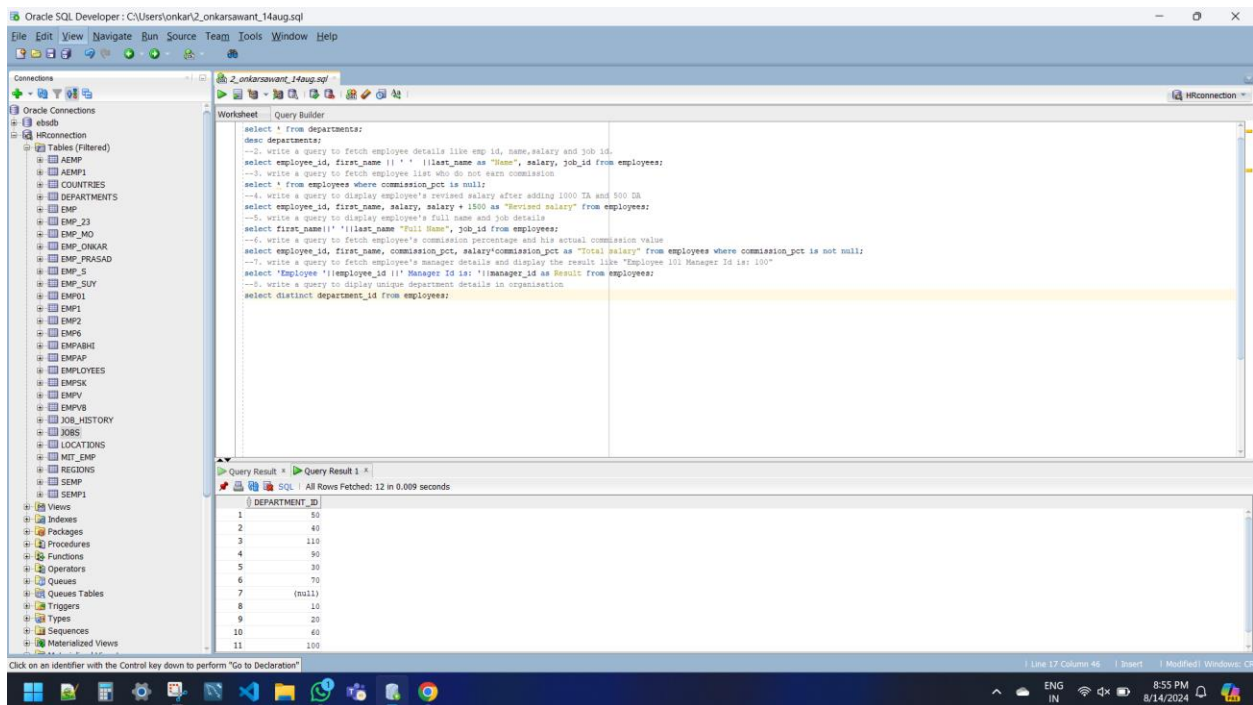
EMPLOYEE_ID	FIRST_NAME	COMMISSION_PCT	Total salary
145	John	0.4	5400
146	Raren	0.3	4050
147	Alberto	0.3	3600
148	Gerald	0.3	3300
149	Evel	0.2	2100
150	Peter	0.3	3000
151	David	0.25	2375
152	Peter	0.25	2250
153	Christopher	0.2	1600
154	Bonette	0.2	1500
155	Oliver	0.15	1050

--7. write a query to fetch employee's manager details and display the result like "Employee 101 Manager Id is: 100"

select 'Employee '||employee\_id || ' Manager Id is: '||manager\_id as Result from employees;



--8. write a query to display unique department details in organisation  
 select distinct department\_id from employees;



--9. write a query to display out put like "101 Manager's id is:" 100

select employee\_id || q'[ Manager's]' || ' id is: ' || manager\_id as result from employees  
where manager\_id is not null;

The screenshot shows the Oracle SQL Developer interface. The 'Connections' pane on the left lists various database connections. The main window displays a SQL query in the 'Worksheet' tab. The query is as follows:

```
--1. Fetch the department details from the departments master table
select * from departments;
desc departments;
--2. write a query to fetch employee details like emp id, name, salary and job id.
select employee_id, first_name || ' ' || last_name as "Name", salary, job_id from employees;
--3. write a query to fetch employee list who do not earn commission
select * from employees where commission_pct is null;
--4. write a query to display employee's revised salary after adding 1000 TA and 500 DA.
select employee_id, first_name, salary, salary + 1500 as "Revised salary" from employees;
--5. write a query to display employee's full name and job details
select first_name || ' ' || last_name "Full Name", job_id from employees;
--6. write a query to fetch employee's commission percentage and his actual commission value
select employee_id, first_name, commission_pct, salary/commission_pct as "Total salary" from employees where commission_pct is not null;
--7. write a query to fetch employee's manager details and display the result like "Employee 101 Manager is 100"
select 'Employee ' || employee_id || ' Manager Id is: ' || manager_id as Result from employees;
--8. write a query to display unique department details in department
select distinct department_id from employees;
--9. write a query to display out put like "101 Manager's id is:" 100
select employee_id || q'[ Manager's]' || ' id is: ' || manager_id as result from employees where manager_id is not null;
```

The 'Query Result' pane shows the results of the last query, which is a list of employees and their managers. The results are as follows:

RESULT
1 101 Manager's id is: 100
2 102 Manager's id is: 100
3 103 Manager's id is: 102
4 104 Manager's id is: 103
5 105 Manager's id is: 103
6 106 Manager's id is: 103
7 107 Manager's id is: 103
8 108 Manager's id is: 101
9 109 Manager's id is: 108
10 110 Manager's id is: 108
11 111 Manager's id is: 108

--10. write a query to calculate employees half yearly salary after adding 2500 bonus in each month

select employee\_id, first\_name, salary, (salary+2500)\*6 "Salary + Bonus" from employees;

The screenshot shows the Oracle SQL Developer interface. The 'Connections' pane on the left lists various database connections. The main window displays a SQL query in the 'Worksheet' tab. The query is as follows:

```
--1. Fetch the department details from the departments master table
select * from departments;
desc departments;
--2. write a query to fetch employee details like emp id, name, salary and job id.
select employee_id, first_name || ' ' || last_name as "Name", salary, job_id from employees;
--3. write a query to fetch employee list who do not earn commission
select * from employees where commission_pct is null;
--4. write a query to display employee's revised salary after adding 1000 TA and 500 DA.
select employee_id, first_name, salary, salary + 1500 as "Revised salary" from employees;
--5. write a query to display employee's full name and job details
select first_name || ' ' || last_name "Full Name", job_id from employees;
--6. write a query to fetch employee's commission percentage and his actual commission value
select employee_id, first_name, commission_pct, salary/commission_pct as "Total salary" from employees where commission_pct is not null;
--7. write a query to fetch employee's manager details and display the result like "Employee 101 Manager is 100"
select 'Employee ' || employee_id || ' Manager Id is: ' || manager_id as Result from employees;
--8. write a query to display unique department details in department
select distinct department_id from employees;
--9. write a query to display out put like "101 Manager's id is:" 100
select employee_id || q'[ Manager's]' || ' id is: ' || manager_id as result from employees where manager_id is not null;
--10. write a query to calculate employees half yearly salary after adding 2500 bonus in each month
select employee_id, first_name, salary, (salary+2500)*6 "Salary + Bonus" from employees;
```

The 'Query Result' pane shows the results of the last query, which is a list of employees and their half-yearly salary after adding a 2500 bonus in each month. The results are as follows:

EMPLOYEE_ID	FIRST_NAME	SALARY	Salary + Bonus
1	100 Steven	24000	159000
2	101 Neena	17000	117000
3	102 Lex	17000	117000
4	103 Alexander	9000	69000
5	104 Bruce	6000	51000
6	105 David	4800	43800
7	106 Talia	4800	43800
8	107 Diana	4200	40200
9	108 Nancy	12000	87000
10	109 Daniel	9000	69000
11	110 John	8200	64200

