**Q&A SQL Fundamentals Part I**

1.) Issue a query to display all the content of the employees table

2.) Issue a query to display all unique job\_id in the employees table

3.) Issue a query to display all the employee’s salaries. Ensure that you incluse their

last name and first name.

4.) Issue a query to display the first, last and phone number of all employees;

5.) Issue a query to display salary department and hire date of all employees

6.) Issue a query to display the salary and commission of all employees. Ensure you

include their last name and first name

7.) Issue a query to display the salary department and job title o

23.) Display all employees that make 5000 and above.

24.) Create a query to display the employee last name and department number for

employee number 176.

25.) Create a query to display last name and salary for all employees whose salary is

not in the range of $5,000 nd $12,000.

26.) Display the employee last name, job id, and start date of employees hired

between February 20, 2006 and May 1, 2007. Order the query in ascending order by

start date.

27.) Display the last name and department number of all employees in departments 20

and 50 in alphabetical order by name.

28.) Display all the names and salary of all the employees that are not in department

30 and 50.

29.) Display the last name and salary of employees who earn between $5,000 and

$12,000 and are in department 20 or 50. Label the columns Employee and the

Monthly Salary respectively.

30.) Display the last name and hire date of every employee who was hired in 2007.

31.) Display the last name and job title of all employees who do not have a manager.

32.) Display all the employee names in small letters

33.) Display all the employee names in capital letters.

34.) Display the names and salaries of all employees who do not make commission.

35.) Display the last name, salary and commission for all employees who earn

commissions. Sort data in descending order of salary and commission.

36.) Display the last names of all employees where the third letter of the name is an A.

37.) Display the last name of all employees who have an A and an E in their last

name.

38.) Display the last name, job and salary for all employees whose job is sales

representative or stock clerk and whose salary is not equal to $25,000, $3,500 or

$7,000.

39.) Create a query to display the last name and salary of employees earning more

than $12,000.

40.) Display the names of employees whose names have more than 4 letters.

41.) Write a query to ensure that all employees who do not make commission get 100

42.) Create a query to display the unique job code from the employees table.

43.) Display the last name concatenated with job id, separated by a comma and space,

and name the column employee and title.

44.) Display the employee last name, job ID, and start date of employees who were

NOT hired between February 20, 2004, and May 1, 2005. Order the query in

ascending order by start date.

45.) Write a query to display the current date. Label the column Date

46.) Write a query that displays the employee’s last names with the f irst letter

capitalized and all other letters lowercase, and the length of the names, for all

employee s whose name starts with J, A, or M. Give each column an appropriate

label. Sort the results by the employees’ last names.

47.) For each employee, display the employee’s last name, and calculate the number

of months between today and the date the employee was hired. Label the column

MONTHS\_WORKED. Order your results by the number of months employed. Round

the number of months up to the closest whole number.

48.) Create a query to display the last name and salary for all employees. Format the

salary to be 15 characters long left-padded with $. Label the column SALARY.

49.) Issue a query to display the last name, salary, department, phone number and

email of Daniel.

50.) Display all the information of all the David in the employee table.

51.) Determine the number of managers without listing them. Label the column

Number of Managers. Exclude anyone whose manager is not known. Exclude any

groups where the minimum salary is $6,000 or less. Sort the output in descending

order of salary.

53.) Write a query to display each department’s name, location, number of employees,

and the average salary for all employees in that department. Label the columns Name,

Location, Number of People, and Salary, respectively. Round the average salary to

two decimal places.

54.) Write a query to display all the employees who are in department 70, 80 and 100

and make more than 600

55.) Display all the employee’s salaries in this format ($99,999.00)

56.) Display all the employees hiredate in this format (4digit year, 2digit month and

2digit day) 57.) Issue a query to display all the employees hired in 2006.

58.) Issue a query to show all the employees hired in March 2007.

59.) Display all employees that make 5000 and more and do not make commission.

60.) Display all employees that make commission but make less than 8000

61.) Some employee’s phone numbers have more than 15 numbers or digits. Issue a

query to display only the first 11 numbers or digits.

62.) Issue a query to display all employees’ salary and commission. Make sure you

display a zero for every employee that does not make commission.

63.) In the employees table, 3 people have the first name of Peter. Issue a query to

change their first name to Meter.

64.) Issue a query to show all the first and last names of all employees together

separated by a single space.

65.) Display all the employees who do not make between

8000 and 12000, whose first name does not start with J and who are not in department

70 and 100.

66.) Issue a query to show how many unique manager id there are in the employee

table.

67.) Display the first name, last name and phone number of all employees whose

phone area code is 515.

68.) Display all first and last names of all employees whose first names are Peter and

William.

69.) Display the first name, last name, salary and department of all employees who

were hired before 2003

70.) Display all employees in department 80 who make more than 7000 and were

hired after 2005.

71.) Display all the employees in the department 100 and list their last names in

descending order.

72.) List all employees in department 80 who earn a commission\_pct. Emsure that the

last name is ordered in desc order.

73) List all employees who earn more than $1000 and are in department 20 or

department 30.

74.) List all employees who do not earn a commission\_pct and are in either

department 80, 50, 30 and have a salary of atleast $2000.

75.) List all employees with job\_id of SA\_REP and whose last name starts with A.

1. desc hr.employees

Name Null? Type

----------------------------------------- -------- ----------------------------

EMPLOYEE\_ID NOT NULL NUMBER(6)

FIRST\_NAME VARCHAR2(20)

LAST\_NAME NOT NULL VARCHAR2(25)

EMAIL NOT NULL VARCHAR2(25)

PHONE\_NUMBER VARCHAR2(20)

HIRE\_DATE NOT NULL DATE

JOB\_ID NOT NULL VARCHAR2(10)

SALARY NUMBER(8,2)

COMMISSION\_PCT NUMBER(2,2)

MANAGER\_ID NUMBER(6)

DEPARTMENT\_ID NUMBER(4)

2. SQL> select distinct job\_id from hr.employees;

JOB\_ID

----------

AC\_ACCOUNT

AC\_MGR

AD\_ASST

AD\_PRES

AD\_VP

FI\_ACCOUNT

FI\_MGR

HR\_REP

IT\_PROG

MK\_MAN

MK\_REP

JOB\_ID

----------

PR\_REP

PU\_CLERK

PU\_MAN

SA\_MAN

SA\_REP

SH\_CLERK

ST\_CLERK

ST\_MAN

3. SQL> select first\_name, last\_name, salary from hr.employees;

FIRST\_NAME LAST\_NAME SALARY

-------------------- ------------------------- ----------

Donald OConnell 2600

Douglas Grant 2600

Jennifer Whalen 4400

Michael Hartstein 13000

Pat Fay 6000

Susan Mavris 6500

Hermann Baer 10000

Shelley Higgins 12008

William Gietz 8300

Steven King 24000

Neena Kochhar 17000

FIRST\_NAME LAST\_NAME SALARY

-------------------- ------------------------- ----------

Lex De Haan 17000

Alexander Hunold 9000

Bruce Ernst 6000

David Austin 4800

Valli Pataballa 4800

Diana Lorentz 4200

Nancy Greenberg 12008

Daniel Faviet 9000

John Chen 8200

Ismael Sciarra 7700

Jose Manuel Urman 7800

FIRST\_NAME LAST\_NAME SALARY

-------------------- ------------------------- ----------

Luis Popp 6900

Den Raphaely 11000

Alexander Khoo 3100

Shelli Baida 2900

Sigal Tobias 2800

Guy Himuro 2600

Karen Colmenares 2500

Matthew Weiss 8000

Adam Fripp 8200

Payam Kaufling 7900

Shanta Vollman 6500

FIRST\_NAME LAST\_NAME SALARY

-------------------- ------------------------- ----------

Kevin Mourgos 5800

Julia Nayer 3200

Irene Mikkilineni 2700

James Landry 2400

Steven Markle 2200

Laura Bissot 3300

Mozhe Atkinson 2800

James Marlow 2500

TJ Olson 2100

Jason Mallin 3300

Michael Rogers 2900

FIRST\_NAME LAST\_NAME SALARY

-------------------- ------------------------- ----------

Ki Gee 2400

Hazel Philtanker 2200

Renske Ladwig 3600

Stephen Stiles 3200

John Seo 2700

Joshua Patel 2500

Trenna Rajs 3500

Curtis Davies 3100

Randall Matos 2600

Peter Vargas 2500

John Russell 14000

FIRST\_NAME LAST\_NAME SALARY

-------------------- ------------------------- ----------

Karen Partners 13500

Alberto Errazuriz 12000

Gerald Cambrault 11000

Eleni Zlotkey 10500

Peter Tucker 10000

David Bernstein 9500

Peter Hall 9000

Christopher Olsen 8000

Nanette Cambrault 7500

Oliver Tuvault 7000

Janette King 10000

FIRST\_NAME LAST\_NAME SALARY

-------------------- ------------------------- ----------

Patrick Sully 9500

Allan McEwen 9000

Lindsey Smith 8000

Louise Doran 7500

Sarath Sewall 7000

Clara Vishney 10500

Danielle Greene 9500

Mattea Marvins 7200

David Lee 6800

Sundar Ande 6400

Amit Banda 6200

FIRST\_NAME LAST\_NAME SALARY

-------------------- ------------------------- ----------

Lisa Ozer 11500

Harrison Bloom 10000

Tayler Fox 9600

William Smith 7400

Elizabeth Bates 7300

Sundita Kumar 6100

Ellen Abel 11000

Alyssa Hutton 8800

Jonathon Taylor 8600

Jack Livingston 8400

Kimberely Grant 7000

FIRST\_NAME LAST\_NAME SALARY

-------------------- ------------------------- ----------

Charles Johnson 6200

Winston Taylor 3200

Jean Fleaur 3100

Martha Sullivan 2500

Girard Geoni 2800

Nandita Sarchand 4200

Alexis Bull 4100

Julia Dellinger 3400

Anthony Cabrio 3000

Kelly Chung 3800

Jennifer Dilly 3600

FIRST\_NAME LAST\_NAME SALARY

-------------------- ------------------------- ----------

Timothy Gates 2900

Randall Perkins 2500

Sarah Bell 4000

Britney Everett 3900

Samuel McCain 3200

Vance Jones 2800

Alana Walsh 3100

Kevin Feeney 3000

107 rows selected.

4. SQL> select first\_name, last\_name, phone\_number from hr.employees;

FIRST\_NAME LAST\_NAME PHONE\_NUMBER

-------------------- ------------------------- --------------------

Donald OConnell 650.507.9833

Douglas Grant 650.507.9844

Jennifer Whalen 515.123.4444

Michael Hartstein 515.123.5555

Pat Fay 603.123.6666

Susan Mavris 515.123.7777

Hermann Baer 515.123.8888

Shelley Higgins 515.123.8080

William Gietz 515.123.8181

Steven King 515.123.4567

Neena Kochhar 515.123.4568

FIRST\_NAME LAST\_NAME PHONE\_NUMBER

-------------------- ------------------------- --------------------

Lex De Haan 515.123.4569

Alexander Hunold 590.423.4567

Bruce Ernst 590.423.4568

David Austin 590.423.4569

Valli Pataballa 590.423.4560

Diana Lorentz 590.423.5567

Nancy Greenberg 515.124.4569

Daniel Faviet 515.124.4169

John Chen 515.124.4269

Ismael Sciarra 515.124.4369

Jose Manuel Urman 515.124.4469

FIRST\_NAME LAST\_NAME PHONE\_NUMBER

-------------------- ------------------------- --------------------

Luis Popp 515.124.4567

Den Raphaely 515.127.4561

Alexander Khoo 515.127.4562

Shelli Baida 515.127.4563

Sigal Tobias 515.127.4564

Guy Himuro 515.127.4565

Karen Colmenares 515.127.4566

Matthew Weiss 650.123.1234

Adam Fripp 650.123.2234

Payam Kaufling 650.123.3234

Shanta Vollman 650.123.4234

FIRST\_NAME LAST\_NAME PHONE\_NUMBER

-------------------- ------------------------- --------------------

Kevin Mourgos 650.123.5234

Julia Nayer 650.124.1214

Irene Mikkilineni 650.124.1224

James Landry 650.124.1334

Steven Markle 650.124.1434

Laura Bissot 650.124.5234

Mozhe Atkinson 650.124.6234

James Marlow 650.124.7234

TJ Olson 650.124.8234

Jason Mallin 650.127.1934

Michael Rogers 650.127.1834

FIRST\_NAME LAST\_NAME PHONE\_NUMBER

-------------------- ------------------------- --------------------

Ki Gee 650.127.1734

Hazel Philtanker 650.127.1634

Renske Ladwig 650.121.1234

Stephen Stiles 650.121.2034

John Seo 650.121.2019

Joshua Patel 650.121.1834

Trenna Rajs 650.121.8009

Curtis Davies 650.121.2994

Randall Matos 650.121.2874

Peter Vargas 650.121.2004

John Russell 011.44.1344.429268

FIRST\_NAME LAST\_NAME PHONE\_NUMBER

-------------------- ------------------------- --------------------

Karen Partners 011.44.1344.467268

Alberto Errazuriz 011.44.1344.429278

Gerald Cambrault 011.44.1344.619268

Eleni Zlotkey 011.44.1344.429018

Peter Tucker 011.44.1344.129268

David Bernstein 011.44.1344.345268

Peter Hall 011.44.1344.478968

Christopher Olsen 011.44.1344.498718

Nanette Cambrault 011.44.1344.987668

Oliver Tuvault 011.44.1344.486508

Janette King 011.44.1345.429268

FIRST\_NAME LAST\_NAME PHONE\_NUMBER

-------------------- ------------------------- --------------------

Patrick Sully 011.44.1345.929268

Allan McEwen 011.44.1345.829268

Lindsey Smith 011.44.1345.729268

Louise Doran 011.44.1345.629268

Sarath Sewall 011.44.1345.529268

Clara Vishney 011.44.1346.129268

Danielle Greene 011.44.1346.229268

Mattea Marvins 011.44.1346.329268

David Lee 011.44.1346.529268

Sundar Ande 011.44.1346.629268

Amit Banda 011.44.1346.729268

FIRST\_NAME LAST\_NAME PHONE\_NUMBER

-------------------- ------------------------- --------------------

Lisa Ozer 011.44.1343.929268

Harrison Bloom 011.44.1343.829268

Tayler Fox 011.44.1343.729268

William Smith 011.44.1343.629268

Elizabeth Bates 011.44.1343.529268

Sundita Kumar 011.44.1343.329268

Ellen Abel 011.44.1644.429267

Alyssa Hutton 011.44.1644.429266

Jonathon Taylor 011.44.1644.429265

Jack Livingston 011.44.1644.429264

Kimberely Grant 011.44.1644.429263

FIRST\_NAME LAST\_NAME PHONE\_NUMBER

-------------------- ------------------------- --------------------

Charles Johnson 011.44.1644.429262

Winston Taylor 650.507.9876

Jean Fleaur 650.507.9877

Martha Sullivan 650.507.9878

Girard Geoni 650.507.9879

Nandita Sarchand 650.509.1876

Alexis Bull 650.509.2876

Julia Dellinger 650.509.3876

Anthony Cabrio 650.509.4876

Kelly Chung 650.505.1876

Jennifer Dilly 650.505.2876

FIRST\_NAME LAST\_NAME PHONE\_NUMBER

-------------------- ------------------------- --------------------

Timothy Gates 650.505.3876

Randall Perkins 650.505.4876

Sarah Bell 650.501.1876

Britney Everett 650.501.2876

Samuel McCain 650.501.3876

Vance Jones 650.501.4876

Alana Walsh 650.507.9811

Kevin Feeney 650.507.9822

107 rows selected.

5. SQL> select last\_name, salary, department\_id, hire\_date from hr.employees;

LAST\_NAME SALARY DEPARTMENT\_ID HIRE\_DATE

------------------------- ---------- ------------- ---------

OConnell 2600 50 21-JUN-07

Grant 2600 50 13-JAN-08

Whalen 4400 10 17-SEP-03

Hartstein 13000 20 17-FEB-04

Fay 6000 20 17-AUG-05

Mavris 6500 40 07-JUN-02

Baer 10000 70 07-JUN-02

Higgins 12008 110 07-JUN-02

Gietz 8300 110 07-JUN-02

King 24000 90 17-JUN-03

Kochhar 17000 90 21-SEP-05

LAST\_NAME SALARY DEPARTMENT\_ID HIRE\_DATE

------------------------- ---------- ------------- ---------

De Haan 17000 90 13-JAN-01

Hunold 9000 60 03-JAN-06

Ernst 6000 60 21-MAY-07

Austin 4800 60 25-JUN-05

Pataballa 4800 60 05-FEB-06

Lorentz 4200 60 07-FEB-07

Greenberg 12008 100 17-AUG-02

Faviet 9000 100 16-AUG-02

Chen 8200 100 28-SEP-05

Sciarra 7700 100 30-SEP-05

Urman 7800 100 07-MAR-06

LAST\_NAME SALARY DEPARTMENT\_ID HIRE\_DATE

------------------------- ---------- ------------- ---------

Popp 6900 100 07-DEC-07

Raphaely 11000 30 07-DEC-02

Khoo 3100 30 18-MAY-03

Baida 2900 30 24-DEC-05

Tobias 2800 30 24-JUL-05

Himuro 2600 30 15-NOV-06

Colmenares 2500 30 10-AUG-07

Weiss 8000 50 18-JUL-04

Fripp 8200 50 10-APR-05

Kaufling 7900 50 01-MAY-03

Vollman 6500 50 10-OCT-05

LAST\_NAME SALARY DEPARTMENT\_ID HIRE\_DATE

------------------------- ---------- ------------- ---------

Mourgos 5800 50 16-NOV-07

Nayer 3200 50 16-JUL-05

Mikkilineni 2700 50 28-SEP-06

Landry 2400 50 14-JAN-07

Markle 2200 50 08-MAR-08

Bissot 3300 50 20-AUG-05

Atkinson 2800 50 30-OCT-05

Marlow 2500 50 16-FEB-05

Olson 2100 50 10-APR-07

Mallin 3300 50 14-JUN-04

Rogers 2900 50 26-AUG-06

LAST\_NAME SALARY DEPARTMENT\_ID HIRE\_DATE

------------------------- ---------- ------------- ---------

Gee 2400 50 12-DEC-07

Philtanker 2200 50 06-FEB-08

Ladwig 3600 50 14-JUL-03

Stiles 3200 50 26-OCT-05

Seo 2700 50 12-FEB-06

Patel 2500 50 06-APR-06

Rajs 3500 50 17-OCT-03

Davies 3100 50 29-JAN-05

Matos 2600 50 15-MAR-06

Vargas 2500 50 09-JUL-06

Russell 14000 80 01-OCT-04

LAST\_NAME SALARY DEPARTMENT\_ID HIRE\_DATE

------------------------- ---------- ------------- ---------

Partners 13500 80 05-JAN-05

Errazuriz 12000 80 10-MAR-05

Cambrault 11000 80 15-OCT-07

Zlotkey 10500 80 29-JAN-08

Tucker 10000 80 30-JAN-05

Bernstein 9500 80 24-MAR-05

Hall 9000 80 20-AUG-05

Olsen 8000 80 30-MAR-06

Cambrault 7500 80 09-DEC-06

Tuvault 7000 80 23-NOV-07

King 10000 80 30-JAN-04

LAST\_NAME SALARY DEPARTMENT\_ID HIRE\_DATE

------------------------- ---------- ------------- ---------

Sully 9500 80 04-MAR-04

McEwen 9000 80 01-AUG-04

Smith 8000 80 10-MAR-05

Doran 7500 80 15-DEC-05

Sewall 7000 80 03-NOV-06

Vishney 10500 80 11-NOV-05

Greene 9500 80 19-MAR-07

Marvins 7200 80 24-JAN-08

Lee 6800 80 23-FEB-08

Ande 6400 80 24-MAR-08

Banda 6200 80 21-APR-08

LAST\_NAME SALARY DEPARTMENT\_ID HIRE\_DATE

------------------------- ---------- ------------- ---------

Ozer 11500 80 11-MAR-05

Bloom 10000 80 23-MAR-06

Fox 9600 80 24-JAN-06

Smith 7400 80 23-FEB-07

Bates 7300 80 24-MAR-07

Kumar 6100 80 21-APR-08

Abel 11000 80 11-MAY-04

Hutton 8800 80 19-MAR-05

Taylor 8600 80 24-MAR-06

Livingston 8400 80 23-APR-06

Grant 7000 24-MAY-07

LAST\_NAME SALARY DEPARTMENT\_ID HIRE\_DATE

------------------------- ---------- ------------- ---------

Johnson 6200 80 04-JAN-08

Taylor 3200 50 24-JAN-06

Fleaur 3100 50 23-FEB-06

Sullivan 2500 50 21-JUN-07

Geoni 2800 50 03-FEB-08

Sarchand 4200 50 27-JAN-04

Bull 4100 50 20-FEB-05

Dellinger 3400 50 24-JUN-06

Cabrio 3000 50 07-FEB-07

Chung 3800 50 14-JUN-05

Dilly 3600 50 13-AUG-05

LAST\_NAME SALARY DEPARTMENT\_ID HIRE\_DATE

------------------------- ---------- ------------- ---------

Gates 2900 50 11-JUL-06

Perkins 2500 50 19-DEC-07

Bell 4000 50 04-FEB-04

Everett 3900 50 03-MAR-05

McCain 3200 50 01-JUL-06

Jones 2800 50 17-MAR-07

Walsh 3100 50 24-APR-06

Feeney 3000 50 23-MAY-06

107 rows selected.

6. SQL> select first\_name, last\_name, salary, commission\_pct from hr.employees;

FIRST\_NAME LAST\_NAME SALARY COMMISSION\_PCT

-------------------- ------------------------- ---------- --------------

Donald OConnell 2600

Douglas Grant 2600

Jennifer Whalen 4400

Michael Hartstein 13000

Pat Fay 6000

Susan Mavris 6500

Hermann Baer 10000

Shelley Higgins 12008

William Gietz 8300

Steven King 24000

Neena Kochhar 17000

FIRST\_NAME LAST\_NAME SALARY COMMISSION\_PCT

-------------------- ------------------------- ---------- --------------

Lex De Haan 17000

Alexander Hunold 9000

Bruce Ernst 6000

David Austin 4800

Valli Pataballa 4800

Diana Lorentz 4200

Nancy Greenberg 12008

Daniel Faviet 9000

John Chen 8200

Ismael Sciarra 7700

Jose Manuel Urman 7800

FIRST\_NAME LAST\_NAME SALARY COMMISSION\_PCT

-------------------- ------------------------- ---------- --------------

Luis Popp 6900

Den Raphaely 11000

Alexander Khoo 3100

Shelli Baida 2900

Sigal Tobias 2800

Guy Himuro 2600

Karen Colmenares 2500

Matthew Weiss 8000

Adam Fripp 8200

Payam Kaufling 7900

Shanta Vollman 6500

FIRST\_NAME LAST\_NAME SALARY COMMISSION\_PCT

-------------------- ------------------------- ---------- --------------

Kevin Mourgos 5800

Julia Nayer 3200

Irene Mikkilineni 2700

James Landry 2400

Steven Markle 2200

Laura Bissot 3300

Mozhe Atkinson 2800

James Marlow 2500

TJ Olson 2100

Jason Mallin 3300

Michael Rogers 2900

FIRST\_NAME LAST\_NAME SALARY COMMISSION\_PCT

-------------------- ------------------------- ---------- --------------

Ki Gee 2400

Hazel Philtanker 2200

Renske Ladwig 3600

Stephen Stiles 3200

John Seo 2700

Joshua Patel 2500

Trenna Rajs 3500

Curtis Davies 3100

Randall Matos 2600

Peter Vargas 2500

John Russell 14000 .4

FIRST\_NAME LAST\_NAME SALARY COMMISSION\_PCT

-------------------- ------------------------- ---------- --------------

Karen Partners 13500 .3

Alberto Errazuriz 12000 .3

Gerald Cambrault 11000 .3

Eleni Zlotkey 10500 .2

Peter Tucker 10000 .3

David Bernstein 9500 .25

Peter Hall 9000 .25

Christopher Olsen 8000 .2

Nanette Cambrault 7500 .2

Oliver Tuvault 7000 .15

Janette King 10000 .35

FIRST\_NAME LAST\_NAME SALARY COMMISSION\_PCT

-------------------- ------------------------- ---------- --------------

Patrick Sully 9500 .35

Allan McEwen 9000 .35

Lindsey Smith 8000 .3

Louise Doran 7500 .3

Sarath Sewall 7000 .25

Clara Vishney 10500 .25

Danielle Greene 9500 .15

Mattea Marvins 7200 .1

David Lee 6800 .1

Sundar Ande 6400 .1

Amit Banda 6200 .1

FIRST\_NAME LAST\_NAME SALARY COMMISSION\_PCT

-------------------- ------------------------- ---------- --------------

Lisa Ozer 11500 .25

Harrison Bloom 10000 .2

Tayler Fox 9600 .2

William Smith 7400 .15

Elizabeth Bates 7300 .15

Sundita Kumar 6100 .1

Ellen Abel 11000 .3

Alyssa Hutton 8800 .25

Jonathon Taylor 8600 .2

Jack Livingston 8400 .2

Kimberely Grant 7000 .15

FIRST\_NAME LAST\_NAME SALARY COMMISSION\_PCT

-------------------- ------------------------- ---------- --------------

Charles Johnson 6200 .1

Winston Taylor 3200

Jean Fleaur 3100

Martha Sullivan 2500

Girard Geoni 2800

Nandita Sarchand 4200

Alexis Bull 4100

Julia Dellinger 3400

Anthony Cabrio 3000

Kelly Chung 3800

Jennifer Dilly 3600

FIRST\_NAME LAST\_NAME SALARY COMMISSION\_PCT

-------------------- ------------------------- ---------- --------------

Timothy Gates 2900

Randall Perkins 2500

Sarah Bell 4000

Britney Everett 3900

Samuel McCain 3200

Vance Jones 2800

Alana Walsh 3100

Kevin Feeney 3000

107 rows selected.

7. SQL> select last\_name, salary, department\_id, job\_id from hr.employees;

LAST\_NAME SALARY DEPARTMENT\_ID JOB\_ID

------------------------- ---------- ------------- ----------

OConnell 2600 50 SH\_CLERK

Grant 2600 50 SH\_CLERK

Whalen 4400 10 AD\_ASST

Hartstein 13000 20 MK\_MAN

Fay 6000 20 MK\_REP

Mavris 6500 40 HR\_REP

Baer 10000 70 PR\_REP

Higgins 12008 110 AC\_MGR

Gietz 8300 110 AC\_ACCOUNT

King 24000 90 AD\_PRES

Kochhar 17000 90 AD\_VP

LAST\_NAME SALARY DEPARTMENT\_ID JOB\_ID

------------------------- ---------- ------------- ----------

De Haan 17000 90 AD\_VP

Hunold 9000 60 IT\_PROG

Ernst 6000 60 IT\_PROG

Austin 4800 60 IT\_PROG

Pataballa 4800 60 IT\_PROG

Lorentz 4200 60 IT\_PROG

Greenberg 12008 100 FI\_MGR

Faviet 9000 100 FI\_ACCOUNT

Chen 8200 100 FI\_ACCOUNT

Sciarra 7700 100 FI\_ACCOUNT

Urman 7800 100 FI\_ACCOUNT

LAST\_NAME SALARY DEPARTMENT\_ID JOB\_ID

------------------------- ---------- ------------- ----------

Popp 6900 100 FI\_ACCOUNT

Raphaely 11000 30 PU\_MAN

Khoo 3100 30 PU\_CLERK

Baida 2900 30 PU\_CLERK

Tobias 2800 30 PU\_CLERK

Himuro 2600 30 PU\_CLERK

Colmenares 2500 30 PU\_CLERK

Weiss 8000 50 ST\_MAN

Fripp 8200 50 ST\_MAN

Kaufling 7900 50 ST\_MAN

Vollman 6500 50 ST\_MAN

LAST\_NAME SALARY DEPARTMENT\_ID JOB\_ID

------------------------- ---------- ------------- ----------

Mourgos 5800 50 ST\_MAN

Nayer 3200 50 ST\_CLERK

Mikkilineni 2700 50 ST\_CLERK

Landry 2400 50 ST\_CLERK

Markle 2200 50 ST\_CLERK

Bissot 3300 50 ST\_CLERK

Atkinson 2800 50 ST\_CLERK

Marlow 2500 50 ST\_CLERK

Olson 2100 50 ST\_CLERK

Mallin 3300 50 ST\_CLERK

Rogers 2900 50 ST\_CLERK

LAST\_NAME SALARY DEPARTMENT\_ID JOB\_ID

------------------------- ---------- ------------- ----------

Gee 2400 50 ST\_CLERK

Philtanker 2200 50 ST\_CLERK

Ladwig 3600 50 ST\_CLERK

Stiles 3200 50 ST\_CLERK

Seo 2700 50 ST\_CLERK

Patel 2500 50 ST\_CLERK

Rajs 3500 50 ST\_CLERK

Davies 3100 50 ST\_CLERK

Matos 2600 50 ST\_CLERK

Vargas 2500 50 ST\_CLERK

Russell 14000 80 SA\_MAN

LAST\_NAME SALARY DEPARTMENT\_ID JOB\_ID

------------------------- ---------- ------------- ----------

Partners 13500 80 SA\_MAN

Errazuriz 12000 80 SA\_MAN

Cambrault 11000 80 SA\_MAN

Zlotkey 10500 80 SA\_MAN

Tucker 10000 80 SA\_REP

Bernstein 9500 80 SA\_REP

Hall 9000 80 SA\_REP

Olsen 8000 80 SA\_REP

Cambrault 7500 80 SA\_REP

Tuvault 7000 80 SA\_REP

King 10000 80 SA\_REP

LAST\_NAME SALARY DEPARTMENT\_ID JOB\_ID

------------------------- ---------- ------------- ----------

Sully 9500 80 SA\_REP

McEwen 9000 80 SA\_REP

Smith 8000 80 SA\_REP

Doran 7500 80 SA\_REP

Sewall 7000 80 SA\_REP

Vishney 10500 80 SA\_REP

Greene 9500 80 SA\_REP

Marvins 7200 80 SA\_REP

Lee 6800 80 SA\_REP

Ande 6400 80 SA\_REP

Banda 6200 80 SA\_REP

LAST\_NAME SALARY DEPARTMENT\_ID JOB\_ID

------------------------- ---------- ------------- ----------

Ozer 11500 80 SA\_REP

Bloom 10000 80 SA\_REP

Fox 9600 80 SA\_REP

Smith 7400 80 SA\_REP

Bates 7300 80 SA\_REP

Kumar 6100 80 SA\_REP

Abel 11000 80 SA\_REP

Hutton 8800 80 SA\_REP

Taylor 8600 80 SA\_REP

Livingston 8400 80 SA\_REP

Grant 7000 SA\_REP

LAST\_NAME SALARY DEPARTMENT\_ID JOB\_ID

------------------------- ---------- ------------- ----------

Johnson 6200 80 SA\_REP

Taylor 3200 50 SH\_CLERK

Fleaur 3100 50 SH\_CLERK

Sullivan 2500 50 SH\_CLERK

Geoni 2800 50 SH\_CLERK

Sarchand 4200 50 SH\_CLERK

Bull 4100 50 SH\_CLERK

Dellinger 3400 50 SH\_CLERK

Cabrio 3000 50 SH\_CLERK

Chung 3800 50 SH\_CLERK

Dilly 3600 50 SH\_CLERK

LAST\_NAME SALARY DEPARTMENT\_ID JOB\_ID

------------------------- ---------- ------------- ----------

Gates 2900 50 SH\_CLERK

Perkins 2500 50 SH\_CLERK

Bell 4000 50 SH\_CLERK

Everett 3900 50 SH\_CLERK

McCain 3200 50 SH\_CLERK

Jones 2800 50 SH\_CLERK

Walsh 3100 50 SH\_CLERK

Feeney 3000 50 SH\_CLERK

107 rows selected.

8. SQL> select last\_name, phone\_number from hr.employees where job\_id = 'SH\_CLERK';

LAST\_NAME PHONE\_NUMBER

------------------------- --------------------

OConnell 650.507.9833

Grant 650.507.9844

Taylor 650.507.9876

Fleaur 650.507.9877

Sullivan 650.507.9878

Geoni 650.507.9879

Sarchand 650.509.1876

Bull 650.509.2876

Dellinger 650.509.3876

Cabrio 650.509.4876

Chung 650.505.1876

LAST\_NAME PHONE\_NUMBER

------------------------- --------------------

Dilly 650.505.2876

Gates 650.505.3876

Perkins 650.505.4876

Bell 650.501.1876

Everett 650.501.2876

McCain 650.501.3876

Jones 650.501.4876

Walsh 650.507.9811

Feeney 650.507.9822

20 rows selected.

9. SQL> select last\_name, salary, job\_id from hr.employees where job\_id = 'ST\_MAN' and salary < 10000;

LAST\_NAME SALARY JOB\_ID

------------------------- ---------- ----------

Weiss 8000 ST\_MAN

Fripp 8200 ST\_MAN

Kaufling 7900 ST\_MAN

Vollman 6500 ST\_MAN

Mourgos 5800 ST\_MAN

10. SQL> select last\_name, salary, hire\_date from hr.employees where salary > 5000 and hire\_date between '31-DEC-05' and '01-JAN-08';

LAST\_NAME SALARY HIRE\_DATE

------------------------- ---------- ---------

Hunold 9000 03-JAN-06

Ernst 6000 21-MAY-07

Urman 7800 07-MAR-06

Popp 6900 07-DEC-07

Mourgos 5800 16-NOV-07

Cambrault 11000 15-OCT-07

Olsen 8000 30-MAR-06

Cambrault 7500 09-DEC-06

Tuvault 7000 23-NOV-07

Sewall 7000 03-NOV-06

Greene 9500 19-MAR-07

LAST\_NAME SALARY HIRE\_DATE

------------------------- ---------- ---------

Bloom 10000 23-MAR-06

Fox 9600 24-JAN-06

Smith 7400 23-FEB-07

Bates 7300 24-MAR-07

Taylor 8600 24-MAR-06

Livingston 8400 23-APR-06

Grant 7000 24-MAY-07

18 rows selected.

11. SQL> select last\_name, job\_id from hr.employees where job\_id not in ('FI\_ACCOUNT', 'PU\_CLERK');

LAST\_NAME JOB\_ID

------------------------- ----------

Abel SA\_REP

Ande SA\_REP

Atkinson ST\_CLERK

Austin IT\_PROG

Baer PR\_REP

Banda SA\_REP

Bates SA\_REP

Bell SH\_CLERK

Bernstein SA\_REP

Bissot ST\_CLERK

Bloom SA\_REP

LAST\_NAME JOB\_ID

------------------------- ----------

Bull SH\_CLERK

Cabrio SH\_CLERK

Cambrault SA\_MAN

Cambrault SA\_REP

Chung SH\_CLERK

Davies ST\_CLERK

De Haan AD\_VP

Dellinger SH\_CLERK

Dilly SH\_CLERK

Doran SA\_REP

Ernst IT\_PROG

LAST\_NAME JOB\_ID

------------------------- ----------

Errazuriz SA\_MAN

Everett SH\_CLERK

Fay MK\_REP

Feeney SH\_CLERK

Fleaur SH\_CLERK

Fox SA\_REP

Fripp ST\_MAN

Gates SH\_CLERK

Gee ST\_CLERK

Geoni SH\_CLERK

Gietz AC\_ACCOUNT

LAST\_NAME JOB\_ID

------------------------- ----------

Grant SH\_CLERK

Grant SA\_REP

Greenberg FI\_MGR

Greene SA\_REP

Hall SA\_REP

Hartstein MK\_MAN

Higgins AC\_MGR

Hunold IT\_PROG

Hutton SA\_REP

Johnson SA\_REP

Jones SH\_CLERK

LAST\_NAME JOB\_ID

------------------------- ----------

Kaufling ST\_MAN

King SA\_REP

King AD\_PRES

Kochhar AD\_VP

Kumar SA\_REP

Ladwig ST\_CLERK

Landry ST\_CLERK

Lee SA\_REP

Livingston SA\_REP

Lorentz IT\_PROG

Mallin ST\_CLERK

LAST\_NAME JOB\_ID

------------------------- ----------

Markle ST\_CLERK

Marlow ST\_CLERK

Marvins SA\_REP

Matos ST\_CLERK

Mavris HR\_REP

McCain SH\_CLERK

McEwen SA\_REP

Mikkilineni ST\_CLERK

Mourgos ST\_MAN

Nayer ST\_CLERK

OConnell SH\_CLERK

LAST\_NAME JOB\_ID

------------------------- ----------

Olsen SA\_REP

Olson ST\_CLERK

Ozer SA\_REP

Partners SA\_MAN

Pataballa IT\_PROG

Patel ST\_CLERK

Perkins SH\_CLERK

Philtanker ST\_CLERK

Rajs ST\_CLERK

Raphaely PU\_MAN

Rogers ST\_CLERK

LAST\_NAME JOB\_ID

------------------------- ----------

Russell SA\_MAN

Sarchand SH\_CLERK

Seo ST\_CLERK

Sewall SA\_REP

Smith SA\_REP

Smith SA\_REP

Stiles ST\_CLERK

Sullivan SH\_CLERK

Sully SA\_REP

Taylor SA\_REP

Taylor SH\_CLERK

LAST\_NAME JOB\_ID

------------------------- ----------

Tucker SA\_REP

Tuvault SA\_REP

Vargas ST\_CLERK

Vishney SA\_REP

Vollman ST\_MAN

Walsh SH\_CLERK

Weiss ST\_MAN

Whalen AD\_ASST

Zlotkey SA\_MAN

97 rows selected.

12. SQL> select last\_name, department\_id, commission\_pct from hr.employees where department\_id not in ('80', '50', '30') and commission\_pct is not null;

no rows selected

13. SQL> select last\_name, hire\_date from hr.employees where hire\_date not like '%05';

LAST\_NAME HIRE\_DATE

------------------------- ---------

OConnell 21-JUN-07

Grant 13-JAN-08

Whalen 17-SEP-03

Hartstein 17-FEB-04

Mavris 07-JUN-02

Baer 07-JUN-02

Higgins 07-JUN-02

Gietz 07-JUN-02

King 17-JUN-03

De Haan 13-JAN-01

Hunold 03-JAN-06

LAST\_NAME HIRE\_DATE

------------------------- ---------

Ernst 21-MAY-07

Pataballa 05-FEB-06

Lorentz 07-FEB-07

Greenberg 17-AUG-02

Faviet 16-AUG-02

Urman 07-MAR-06

Popp 07-DEC-07

Raphaely 07-DEC-02

Khoo 18-MAY-03

Himuro 15-NOV-06

Colmenares 10-AUG-07

LAST\_NAME HIRE\_DATE

------------------------- ---------

Weiss 18-JUL-04

Kaufling 01-MAY-03

Mourgos 16-NOV-07

Mikkilineni 28-SEP-06

Landry 14-JAN-07

Markle 08-MAR-08

Olson 10-APR-07

Mallin 14-JUN-04

Rogers 26-AUG-06

Gee 12-DEC-07

Philtanker 06-FEB-08

LAST\_NAME HIRE\_DATE

------------------------- ---------

Ladwig 14-JUL-03

Seo 12-FEB-06

Patel 06-APR-06

Rajs 17-OCT-03

Matos 15-MAR-06

Vargas 09-JUL-06

Russell 01-OCT-04

Cambrault 15-OCT-07

Zlotkey 29-JAN-08

Olsen 30-MAR-06

Cambrault 09-DEC-06

LAST\_NAME HIRE\_DATE

------------------------- ---------

Tuvault 23-NOV-07

King 30-JAN-04

Sully 04-MAR-04

McEwen 01-AUG-04

Sewall 03-NOV-06

Greene 19-MAR-07

Marvins 24-JAN-08

Lee 23-FEB-08

Ande 24-MAR-08

Banda 21-APR-08

Bloom 23-MAR-06

LAST\_NAME HIRE\_DATE

------------------------- ---------

Fox 24-JAN-06

Smith 23-FEB-07

Bates 24-MAR-07

Kumar 21-APR-08

Abel 11-MAY-04

Taylor 24-MAR-06

Livingston 23-APR-06

Grant 24-MAY-07

Johnson 04-JAN-08

Taylor 24-JAN-06

Fleaur 23-FEB-06

LAST\_NAME HIRE\_DATE

------------------------- ---------

Sullivan 21-JUN-07

Geoni 03-FEB-08

Sarchand 27-JAN-04

Dellinger 24-JUN-06

Cabrio 07-FEB-07

Gates 11-JUL-06

Perkins 19-DEC-07

Bell 04-FEB-04

McCain 01-JUL-06

Jones 17-MAR-07

Walsh 24-APR-06

LAST\_NAME HIRE\_DATE

------------------------- ---------

Feeney 23-MAY-06

78 rows selected.

14. SQL> select first\_name, last\_name, phone\_number, salary, employee\_id, hire\_date from hr.employees;

FIRST\_NAME LAST\_NAME PHONE\_NUMBER SALARY

-------------------- ------------------------- -------------------- ----------

EMPLOYEE\_ID HIRE\_DATE

----------- ---------

Donald OConnell 650.507.9833 2600

198 21-JUN-07

Douglas Grant 650.507.9844 2600

199 13-JAN-08

Jennifer Whalen 515.123.4444 4400

200 17-SEP-03

FIRST\_NAME LAST\_NAME PHONE\_NUMBER SALARY

-------------------- ------------------------- -------------------- ----------

EMPLOYEE\_ID HIRE\_DATE

----------- ---------

Michael Hartstein 515.123.5555 13000

201 17-FEB-04

Pat Fay 603.123.6666 6000

202 17-AUG-05

Susan Mavris 515.123.7777 6500

203 07-JUN-02

FIRST\_NAME LAST\_NAME PHONE\_NUMBER SALARY

-------------------- ------------------------- -------------------- ----------

EMPLOYEE\_ID HIRE\_DATE

----------- ---------

Hermann Baer 515.123.8888 10000

204 07-JUN-02

Shelley Higgins 515.123.8080 12008

205 07-JUN-02

William Gietz 515.123.8181 8300

206 07-JUN-02

FIRST\_NAME LAST\_NAME PHONE\_NUMBER SALARY

-------------------- ------------------------- -------------------- ----------

EMPLOYEE\_ID HIRE\_DATE

----------- ---------

Steven King 515.123.4567 24000

100 17-JUN-03

Neena Kochhar 515.123.4568 17000

101 21-SEP-05

Lex De Haan 515.123.4569 17000

102 13-JAN-01

FIRST\_NAME LAST\_NAME PHONE\_NUMBER SALARY

-------------------- ------------------------- -------------------- ----------

EMPLOYEE\_ID HIRE\_DATE

----------- ---------

Alexander Hunold 590.423.4567 9000

103 03-JAN-06

Bruce Ernst 590.423.4568 6000

104 21-MAY-07

David Austin 590.423.4569 4800

105 25-JUN-05

FIRST\_NAME LAST\_NAME PHONE\_NUMBER SALARY

-------------------- ------------------------- -------------------- ----------

EMPLOYEE\_ID HIRE\_DATE

----------- ---------

Valli Pataballa 590.423.4560 4800

106 05-FEB-06

Diana Lorentz 590.423.5567 4200

107 07-FEB-07

Nancy Greenberg 515.124.4569 12008

108 17-AUG-02

FIRST\_NAME LAST\_NAME PHONE\_NUMBER SALARY

-------------------- ------------------------- -------------------- ----------

EMPLOYEE\_ID HIRE\_DATE

----------- ---------

Daniel Faviet 515.124.4169 9000

109 16-AUG-02

John Chen 515.124.4269 8200

110 28-SEP-05

Ismael Sciarra 515.124.4369 7700

111 30-SEP-05

FIRST\_NAME LAST\_NAME PHONE\_NUMBER SALARY

-------------------- ------------------------- -------------------- ----------

EMPLOYEE\_ID HIRE\_DATE

----------- ---------

Jose Manuel Urman 515.124.4469 7800

112 07-MAR-06

Luis Popp 515.124.4567 6900

113 07-DEC-07

Den Raphaely 515.127.4561 11000

114 07-DEC-02

FIRST\_NAME LAST\_NAME PHONE\_NUMBER SALARY

-------------------- ------------------------- -------------------- ----------

EMPLOYEE\_ID HIRE\_DATE

----------- ---------

Alexander Khoo 515.127.4562 3100

115 18-MAY-03

Shelli Baida 515.127.4563 2900

116 24-DEC-05

Sigal Tobias 515.127.4564 2800

117 24-JUL-05

FIRST\_NAME LAST\_NAME PHONE\_NUMBER SALARY

-------------------- ------------------------- -------------------- ----------

EMPLOYEE\_ID HIRE\_DATE

----------- ---------

Guy Himuro 515.127.4565 2600

118 15-NOV-06

Karen Colmenares 515.127.4566 2500

119 10-AUG-07

Matthew Weiss 650.123.1234 8000

120 18-JUL-04

FIRST\_NAME LAST\_NAME PHONE\_NUMBER SALARY

-------------------- ------------------------- -------------------- ----------

EMPLOYEE\_ID HIRE\_DATE

----------- ---------

Adam Fripp 650.123.2234 8200

121 10-APR-05

Payam Kaufling 650.123.3234 7900

122 01-MAY-03

Shanta Vollman 650.123.4234 6500

123 10-OCT-05

FIRST\_NAME LAST\_NAME PHONE\_NUMBER SALARY

-------------------- ------------------------- -------------------- ----------

EMPLOYEE\_ID HIRE\_DATE

----------- ---------

Kevin Mourgos 650.123.5234 5800

124 16-NOV-07

Julia Nayer 650.124.1214 3200

125 16-JUL-05

Irene Mikkilineni 650.124.1224 2700

126 28-SEP-06

FIRST\_NAME LAST\_NAME PHONE\_NUMBER SALARY

-------------------- ------------------------- -------------------- ----------

EMPLOYEE\_ID HIRE\_DATE

----------- ---------

James Landry 650.124.1334 2400

127 14-JAN-07

Steven Markle 650.124.1434 2200

128 08-MAR-08

Laura Bissot 650.124.5234 3300

129 20-AUG-05

FIRST\_NAME LAST\_NAME PHONE\_NUMBER SALARY

-------------------- ------------------------- -------------------- ----------

EMPLOYEE\_ID HIRE\_DATE

----------- ---------

Mozhe Atkinson 650.124.6234 2800

130 30-OCT-05

James Marlow 650.124.7234 2500

131 16-FEB-05

TJ Olson 650.124.8234 2100

132 10-APR-07

FIRST\_NAME LAST\_NAME PHONE\_NUMBER SALARY

-------------------- ------------------------- -------------------- ----------

EMPLOYEE\_ID HIRE\_DATE

----------- ---------

Jason Mallin 650.127.1934 3300

133 14-JUN-04

Michael Rogers 650.127.1834 2900

134 26-AUG-06

Ki Gee 650.127.1734 2400

135 12-DEC-07

FIRST\_NAME LAST\_NAME PHONE\_NUMBER SALARY

-------------------- ------------------------- -------------------- ----------

EMPLOYEE\_ID HIRE\_DATE

----------- ---------

Hazel Philtanker 650.127.1634 2200

136 06-FEB-08

Renske Ladwig 650.121.1234 3600

137 14-JUL-03

Stephen Stiles 650.121.2034 3200

138 26-OCT-05

FIRST\_NAME LAST\_NAME PHONE\_NUMBER SALARY

-------------------- ------------------------- -------------------- ----------

EMPLOYEE\_ID HIRE\_DATE

----------- ---------

John Seo 650.121.2019 2700

139 12-FEB-06

Joshua Patel 650.121.1834 2500

140 06-APR-06

Trenna Rajs 650.121.8009 3500

141 17-OCT-03

FIRST\_NAME LAST\_NAME PHONE\_NUMBER SALARY

-------------------- ------------------------- -------------------- ----------

EMPLOYEE\_ID HIRE\_DATE

----------- ---------

Curtis Davies 650.121.2994 3100

142 29-JAN-05

Randall Matos 650.121.2874 2600

143 15-MAR-06

Peter Vargas 650.121.2004 2500

144 09-JUL-06

FIRST\_NAME LAST\_NAME PHONE\_NUMBER SALARY

-------------------- ------------------------- -------------------- ----------

EMPLOYEE\_ID HIRE\_DATE

----------- ---------

John Russell 011.44.1344.429268 14000

145 01-OCT-04

Karen Partners 011.44.1344.467268 13500

146 05-JAN-05

Alberto Errazuriz 011.44.1344.429278 12000

147 10-MAR-05

FIRST\_NAME LAST\_NAME PHONE\_NUMBER SALARY

-------------------- ------------------------- -------------------- ----------

EMPLOYEE\_ID HIRE\_DATE

----------- ---------

Gerald Cambrault 011.44.1344.619268 11000

148 15-OCT-07

Eleni Zlotkey 011.44.1344.429018 10500

149 29-JAN-08

Peter Tucker 011.44.1344.129268 10000

150 30-JAN-05

FIRST\_NAME LAST\_NAME PHONE\_NUMBER SALARY

-------------------- ------------------------- -------------------- ----------

EMPLOYEE\_ID HIRE\_DATE

----------- ---------

David Bernstein 011.44.1344.345268 9500

151 24-MAR-05

Peter Hall 011.44.1344.478968 9000

152 20-AUG-05

Christopher Olsen 011.44.1344.498718 8000

153 30-MAR-06

FIRST\_NAME LAST\_NAME PHONE\_NUMBER SALARY

-------------------- ------------------------- -------------------- ----------

EMPLOYEE\_ID HIRE\_DATE

----------- ---------

Nanette Cambrault 011.44.1344.987668 7500

154 09-DEC-06

Oliver Tuvault 011.44.1344.486508 7000

155 23-NOV-07

Janette King 011.44.1345.429268 10000

156 30-JAN-04

FIRST\_NAME LAST\_NAME PHONE\_NUMBER SALARY

-------------------- ------------------------- -------------------- ----------

EMPLOYEE\_ID HIRE\_DATE

----------- ---------

Patrick Sully 011.44.1345.929268 9500

157 04-MAR-04

Allan McEwen 011.44.1345.829268 9000

158 01-AUG-04

Lindsey Smith 011.44.1345.729268 8000

159 10-MAR-05

FIRST\_NAME LAST\_NAME PHONE\_NUMBER SALARY

-------------------- ------------------------- -------------------- ----------

EMPLOYEE\_ID HIRE\_DATE

----------- ---------

Louise Doran 011.44.1345.629268 7500

160 15-DEC-05

Sarath Sewall 011.44.1345.529268 7000

161 03-NOV-06

Clara Vishney 011.44.1346.129268 10500

162 11-NOV-05

FIRST\_NAME LAST\_NAME PHONE\_NUMBER SALARY

-------------------- ------------------------- -------------------- ----------

EMPLOYEE\_ID HIRE\_DATE

----------- ---------

Danielle Greene 011.44.1346.229268 9500

163 19-MAR-07

Mattea Marvins 011.44.1346.329268 7200

164 24-JAN-08

David Lee 011.44.1346.529268 6800

165 23-FEB-08

FIRST\_NAME LAST\_NAME PHONE\_NUMBER SALARY

-------------------- ------------------------- -------------------- ----------

EMPLOYEE\_ID HIRE\_DATE

----------- ---------

Sundar Ande 011.44.1346.629268 6400

166 24-MAR-08

Amit Banda 011.44.1346.729268 6200

167 21-APR-08

Lisa Ozer 011.44.1343.929268 11500

168 11-MAR-05

FIRST\_NAME LAST\_NAME PHONE\_NUMBER SALARY

-------------------- ------------------------- -------------------- ----------

EMPLOYEE\_ID HIRE\_DATE

----------- ---------

Harrison Bloom 011.44.1343.829268 10000

169 23-MAR-06

Tayler Fox 011.44.1343.729268 9600

170 24-JAN-06

William Smith 011.44.1343.629268 7400

171 23-FEB-07

FIRST\_NAME LAST\_NAME PHONE\_NUMBER SALARY

-------------------- ------------------------- -------------------- ----------

EMPLOYEE\_ID HIRE\_DATE

----------- ---------

Elizabeth Bates 011.44.1343.529268 7300

172 24-MAR-07

Sundita Kumar 011.44.1343.329268 6100

173 21-APR-08

Ellen Abel 011.44.1644.429267 11000

174 11-MAY-04

FIRST\_NAME LAST\_NAME PHONE\_NUMBER SALARY

-------------------- ------------------------- -------------------- ----------

EMPLOYEE\_ID HIRE\_DATE

----------- ---------

Alyssa Hutton 011.44.1644.429266 8800

175 19-MAR-05

Jonathon Taylor 011.44.1644.429265 8600

176 24-MAR-06

Jack Livingston 011.44.1644.429264 8400

177 23-APR-06

FIRST\_NAME LAST\_NAME PHONE\_NUMBER SALARY

-------------------- ------------------------- -------------------- ----------

EMPLOYEE\_ID HIRE\_DATE

----------- ---------

Kimberely Grant 011.44.1644.429263 7000

178 24-MAY-07

Charles Johnson 011.44.1644.429262 6200

179 04-JAN-08

Winston Taylor 650.507.9876 3200

180 24-JAN-06

FIRST\_NAME LAST\_NAME PHONE\_NUMBER SALARY

-------------------- ------------------------- -------------------- ----------

EMPLOYEE\_ID HIRE\_DATE

----------- ---------

Jean Fleaur 650.507.9877 3100

181 23-FEB-06

Martha Sullivan 650.507.9878 2500

182 21-JUN-07

Girard Geoni 650.507.9879 2800

183 03-FEB-08

FIRST\_NAME LAST\_NAME PHONE\_NUMBER SALARY

-------------------- ------------------------- -------------------- ----------

EMPLOYEE\_ID HIRE\_DATE

----------- ---------

Nandita Sarchand 650.509.1876 4200

184 27-JAN-04

Alexis Bull 650.509.2876 4100

185 20-FEB-05

Julia Dellinger 650.509.3876 3400

186 24-JUN-06

FIRST\_NAME LAST\_NAME PHONE\_NUMBER SALARY

-------------------- ------------------------- -------------------- ----------

EMPLOYEE\_ID HIRE\_DATE

----------- ---------

Anthony Cabrio 650.509.4876 3000

187 07-FEB-07

Kelly Chung 650.505.1876 3800

188 14-JUN-05

Jennifer Dilly 650.505.2876 3600

189 13-AUG-05

FIRST\_NAME LAST\_NAME PHONE\_NUMBER SALARY

-------------------- ------------------------- -------------------- ----------

EMPLOYEE\_ID HIRE\_DATE

----------- ---------

Timothy Gates 650.505.3876 2900

190 11-JUL-06

Randall Perkins 650.505.4876 2500

191 19-DEC-07

Sarah Bell 650.501.1876 4000

192 04-FEB-04

FIRST\_NAME LAST\_NAME PHONE\_NUMBER SALARY

-------------------- ------------------------- -------------------- ----------

EMPLOYEE\_ID HIRE\_DATE

----------- ---------

Britney Everett 650.501.2876 3900

193 03-MAR-05

Samuel McCain 650.501.3876 3200

194 01-JUL-06

Vance Jones 650.501.4876 2800

195 17-MAR-07

FIRST\_NAME LAST\_NAME PHONE\_NUMBER SALARY

-------------------- ------------------------- -------------------- ----------

EMPLOYEE\_ID HIRE\_DATE

----------- ---------

Alana Walsh 650.507.9811 3100

196 24-APR-06

Kevin Feeney 650.507.9822 3000

197 23-MAY-06

107 rows selected.

15. SQL> select last\_name, commission\_pct from hr.employees where commission\_pct is null;

LAST\_NAME COMMISSION\_PCT

------------------------- --------------

OConnell

Grant

Whalen

Hartstein

Fay

Mavris

Baer

Higgins

Gietz

King

Kochhar

LAST\_NAME COMMISSION\_PCT

------------------------- --------------

De Haan

Hunold

Ernst

Austin

Pataballa

Lorentz

Greenberg

Faviet

Chen

Sciarra

Urman

LAST\_NAME COMMISSION\_PCT

------------------------- --------------

Popp

Raphaely

Khoo

Baida

Tobias

Himuro

Colmenares

Weiss

Fripp

Kaufling

Vollman

LAST\_NAME COMMISSION\_PCT

------------------------- --------------

Mourgos

Nayer

Mikkilineni

Landry

Markle

Bissot

Atkinson

Marlow

Olson

Mallin

Rogers

LAST\_NAME COMMISSION\_PCT

------------------------- --------------

Gee

Philtanker

Ladwig

Stiles

Seo

Patel

Rajs

Davies

Matos

Vargas

Taylor

LAST\_NAME COMMISSION\_PCT

------------------------- --------------

Fleaur

Sullivan

Geoni

Sarchand

Bull

Dellinger

Cabrio

Chung

Dilly

Gates

Perkins

LAST\_NAME COMMISSION\_PCT

------------------------- --------------

Bell

Everett

McCain

Jones

Walsh

Feeney

72 rows selected.

16. SQL> select first\_name, last\_name, salary, salary+700 from hr.employees;

FIRST\_NAME LAST\_NAME SALARY SALARY+700

-------------------- ------------------------- ---------- ----------

Donald OConnell 2600 3300

Douglas Grant 2600 3300

Jennifer Whalen 4400 5100

Michael Hartstein 13000 13700

Pat Fay 6000 6700

Susan Mavris 6500 7200

Hermann Baer 10000 10700

Shelley Higgins 12008 12708

William Gietz 8300 9000

Steven King 24000 24700

Neena Kochhar 17000 17700

FIRST\_NAME LAST\_NAME SALARY SALARY+700

-------------------- ------------------------- ---------- ----------

Lex De Haan 17000 17700

Alexander Hunold 9000 9700

Bruce Ernst 6000 6700

David Austin 4800 5500

Valli Pataballa 4800 5500

Diana Lorentz 4200 4900

Nancy Greenberg 12008 12708

Daniel Faviet 9000 9700

John Chen 8200 8900

Ismael Sciarra 7700 8400

Jose Manuel Urman 7800 8500

FIRST\_NAME LAST\_NAME SALARY SALARY+700

-------------------- ------------------------- ---------- ----------

Luis Popp 6900 7600

Den Raphaely 11000 11700

Alexander Khoo 3100 3800

Shelli Baida 2900 3600

Sigal Tobias 2800 3500

Guy Himuro 2600 3300

Karen Colmenares 2500 3200

Matthew Weiss 8000 8700

Adam Fripp 8200 8900

Payam Kaufling 7900 8600

Shanta Vollman 6500 7200

FIRST\_NAME LAST\_NAME SALARY SALARY+700

-------------------- ------------------------- ---------- ----------

Kevin Mourgos 5800 6500

Julia Nayer 3200 3900

Irene Mikkilineni 2700 3400

James Landry 2400 3100

Steven Markle 2200 2900

Laura Bissot 3300 4000

Mozhe Atkinson 2800 3500

James Marlow 2500 3200

TJ Olson 2100 2800

Jason Mallin 3300 4000

Michael Rogers 2900 3600

FIRST\_NAME LAST\_NAME SALARY SALARY+700

-------------------- ------------------------- ---------- ----------

Ki Gee 2400 3100

Hazel Philtanker 2200 2900

Renske Ladwig 3600 4300

Stephen Stiles 3200 3900

John Seo 2700 3400

Joshua Patel 2500 3200

Trenna Rajs 3500 4200

Curtis Davies 3100 3800

Randall Matos 2600 3300

Peter Vargas 2500 3200

John Russell 14000 14700

FIRST\_NAME LAST\_NAME SALARY SALARY+700

-------------------- ------------------------- ---------- ----------

Karen Partners 13500 14200

Alberto Errazuriz 12000 12700

Gerald Cambrault 11000 11700

Eleni Zlotkey 10500 11200

Peter Tucker 10000 10700

David Bernstein 9500 10200

Peter Hall 9000 9700

Christopher Olsen 8000 8700

Nanette Cambrault 7500 8200

Oliver Tuvault 7000 7700

Janette King 10000 10700

FIRST\_NAME LAST\_NAME SALARY SALARY+700

-------------------- ------------------------- ---------- ----------

Patrick Sully 9500 10200

Allan McEwen 9000 9700

Lindsey Smith 8000 8700

Louise Doran 7500 8200

Sarath Sewall 7000 7700

Clara Vishney 10500 11200

Danielle Greene 9500 10200

Mattea Marvins 7200 7900

David Lee 6800 7500

Sundar Ande 6400 7100

Amit Banda 6200 6900

FIRST\_NAME LAST\_NAME SALARY SALARY+700

-------------------- ------------------------- ---------- ----------

Lisa Ozer 11500 12200

Harrison Bloom 10000 10700

Tayler Fox 9600 10300

William Smith 7400 8100

Elizabeth Bates 7300 8000

Sundita Kumar 6100 6800

Ellen Abel 11000 11700

Alyssa Hutton 8800 9500

Jonathon Taylor 8600 9300

Jack Livingston 8400 9100

Kimberely Grant 7000 7700

FIRST\_NAME LAST\_NAME SALARY SALARY+700

-------------------- ------------------------- ---------- ----------

Charles Johnson 6200 6900

Winston Taylor 3200 3900

Jean Fleaur 3100 3800

Martha Sullivan 2500 3200

Girard Geoni 2800 3500

Nandita Sarchand 4200 4900

Alexis Bull 4100 4800

Julia Dellinger 3400 4100

Anthony Cabrio 3000 3700

Kelly Chung 3800 4500

Jennifer Dilly 3600 4300

FIRST\_NAME LAST\_NAME SALARY SALARY+700

-------------------- ------------------------- ---------- ----------

Timothy Gates 2900 3600

Randall Perkins 2500 3200

Sarah Bell 4000 4700

Britney Everett 3900 4600

Samuel McCain 3200 3900

Vance Jones 2800 3500

Alana Walsh 3100 3800

Kevin Feeney 3000 3700

107 rows selected.

17. SQL> select first\_name ||' '|| last\_name from hr.employees;

FIRST\_NAME||''||LAST\_NAME

----------------------------------------------

Ellen Abel

Sundar Ande

Mozhe Atkinson

David Austin

Hermann Baer

Shelli Baida

Amit Banda

Elizabeth Bates

Sarah Bell

David Bernstein

Laura Bissot

FIRST\_NAME||''||LAST\_NAME

----------------------------------------------

Harrison Bloom

Alexis Bull

Anthony Cabrio

Gerald Cambrault

Nanette Cambrault

John Chen

Kelly Chung

Karen Colmenares

Curtis Davies

Lex De Haan

Julia Dellinger

FIRST\_NAME||''||LAST\_NAME

----------------------------------------------

Jennifer Dilly

Louise Doran

Bruce Ernst

Alberto Errazuriz

Britney Everett

Daniel Faviet

Pat Fay

Kevin Feeney

Jean Fleaur

Tayler Fox

Adam Fripp

FIRST\_NAME||''||LAST\_NAME

----------------------------------------------

Timothy Gates

Ki Gee

Girard Geoni

William Gietz

Douglas Grant

Kimberely Grant

Nancy Greenberg

Danielle Greene

Peter Hall

Michael Hartstein

Shelley Higgins

FIRST\_NAME||''||LAST\_NAME

----------------------------------------------

Guy Himuro

Alexander Hunold

Alyssa Hutton

Charles Johnson

Vance Jones

Payam Kaufling

Alexander Khoo

Janette King

Steven King

Neena Kochhar

Sundita Kumar

FIRST\_NAME||''||LAST\_NAME

----------------------------------------------

Renske Ladwig

James Landry

David Lee

Jack Livingston

Diana Lorentz

Jason Mallin

Steven Markle

James Marlow

Mattea Marvins

Randall Matos

Susan Mavris

FIRST\_NAME||''||LAST\_NAME

----------------------------------------------

Samuel McCain

Allan McEwen

Irene Mikkilineni

Kevin Mourgos

Julia Nayer

Donald OConnell

Christopher Olsen

TJ Olson

Lisa Ozer

Karen Partners

Valli Pataballa

FIRST\_NAME||''||LAST\_NAME

----------------------------------------------

Joshua Patel

Randall Perkins

Hazel Philtanker

Luis Popp

Trenna Rajs

Den Raphaely

Michael Rogers

John Russell

Nandita Sarchand

Ismael Sciarra

John Seo

FIRST\_NAME||''||LAST\_NAME

----------------------------------------------

Sarath Sewall

Lindsey Smith

William Smith

Stephen Stiles

Martha Sullivan

Patrick Sully

Jonathon Taylor

Winston Taylor

Sigal Tobias

Peter Tucker

Oliver Tuvault

FIRST\_NAME||''||LAST\_NAME

----------------------------------------------

Jose Manuel Urman

Peter Vargas

Clara Vishney

Shanta Vollman

Alana Walsh

Matthew Weiss

Jennifer Whalen

Eleni Zlotkey

107 rows selected.

18. SQL> select last\_name, department\_id, salary, salary\*2 from hr.employees where department\_id = 100;

LAST\_NAME DEPARTMENT\_ID SALARY SALARY\*2

------------------------- ------------- ---------- ----------

Greenberg 100 12008 24016

Faviet 100 9000 18000

Chen 100 8200 16400

Sciarra 100 7700 15400

Urman 100 7800 15600

Popp 100 6900 13800

6 rows selected.

19. SQL> desc hr.employees

Name Null? Type

----------------------------------------- -------- ----------------------------

EMPLOYEE\_ID NOT NULL NUMBER(6)

FIRST\_NAME VARCHAR2(20)

LAST\_NAME NOT NULL VARCHAR2(25)

EMAIL NOT NULL VARCHAR2(25)

PHONE\_NUMBER VARCHAR2(20)

HIRE\_DATE NOT NULL DATE

JOB\_ID NOT NULL VARCHAR2(10)

SALARY NUMBER(8,2)

COMMISSION\_PCT NUMBER(2,2)

MANAGER\_ID NUMBER(6)

DEPARTMENT\_ID NUMBER(4)

20. SQL> select last\_name, department\_id, salary from hr.employees where department\_id = 100 and salary > 7000;

LAST\_NAME DEPARTMENT\_ID SALARY

------------------------- ------------- ----------

Greenberg 100 12008

Faviet 100 9000

Chen 100 8200

Sciarra 100 7700

Urman 100 7800

21. SQL> select last\_name, job\_id, salary from hr.employees order by 2, 3;

LAST\_NAME JOB\_ID SALARY

------------------------- ---------- ----------

Gietz AC\_ACCOUNT 8300

Higgins AC\_MGR 12008

Whalen AD\_ASST 4400

King AD\_PRES 24000

De Haan AD\_VP 17000

Kochhar AD\_VP 17000

Popp FI\_ACCOUNT 6900

Sciarra FI\_ACCOUNT 7700

Urman FI\_ACCOUNT 7800

Chen FI\_ACCOUNT 8200

Faviet FI\_ACCOUNT 9000

LAST\_NAME JOB\_ID SALARY

------------------------- ---------- ----------

Greenberg FI\_MGR 12008

Mavris HR\_REP 6500

Lorentz IT\_PROG 4200

Austin IT\_PROG 4800

Pataballa IT\_PROG 4800

Ernst IT\_PROG 6000

Hunold IT\_PROG 9000

Hartstein MK\_MAN 13000

Fay MK\_REP 6000

Baer PR\_REP 10000

Colmenares PU\_CLERK 2500

LAST\_NAME JOB\_ID SALARY

------------------------- ---------- ----------

Himuro PU\_CLERK 2600

Tobias PU\_CLERK 2800

Baida PU\_CLERK 2900

Khoo PU\_CLERK 3100

Raphaely PU\_MAN 11000

Zlotkey SA\_MAN 10500

Cambrault SA\_MAN 11000

Errazuriz SA\_MAN 12000

Partners SA\_MAN 13500

Russell SA\_MAN 14000

Kumar SA\_REP 6100

LAST\_NAME JOB\_ID SALARY

------------------------- ---------- ----------

Banda SA\_REP 6200

Johnson SA\_REP 6200

Ande SA\_REP 6400

Lee SA\_REP 6800

Grant SA\_REP 7000

Tuvault SA\_REP 7000

Sewall SA\_REP 7000

Marvins SA\_REP 7200

Bates SA\_REP 7300

Smith SA\_REP 7400

Cambrault SA\_REP 7500

LAST\_NAME JOB\_ID SALARY

------------------------- ---------- ----------

Doran SA\_REP 7500

Smith SA\_REP 8000

Olsen SA\_REP 8000

Livingston SA\_REP 8400

Taylor SA\_REP 8600

Hutton SA\_REP 8800

McEwen SA\_REP 9000

Hall SA\_REP 9000

Greene SA\_REP 9500

Sully SA\_REP 9500

Bernstein SA\_REP 9500

LAST\_NAME JOB\_ID SALARY

------------------------- ---------- ----------

Fox SA\_REP 9600

Tucker SA\_REP 10000

King SA\_REP 10000

Bloom SA\_REP 10000

Vishney SA\_REP 10500

Abel SA\_REP 11000

Ozer SA\_REP 11500

Perkins SH\_CLERK 2500

Sullivan SH\_CLERK 2500

OConnell SH\_CLERK 2600

Grant SH\_CLERK 2600

LAST\_NAME JOB\_ID SALARY

------------------------- ---------- ----------

Jones SH\_CLERK 2800

Geoni SH\_CLERK 2800

Gates SH\_CLERK 2900

Cabrio SH\_CLERK 3000

Feeney SH\_CLERK 3000

Fleaur SH\_CLERK 3100

Walsh SH\_CLERK 3100

McCain SH\_CLERK 3200

Taylor SH\_CLERK 3200

Dellinger SH\_CLERK 3400

Dilly SH\_CLERK 3600

LAST\_NAME JOB\_ID SALARY

------------------------- ---------- ----------

Chung SH\_CLERK 3800

Everett SH\_CLERK 3900

Bell SH\_CLERK 4000

Bull SH\_CLERK 4100

Sarchand SH\_CLERK 4200

Olson ST\_CLERK 2100

Markle ST\_CLERK 2200

Philtanker ST\_CLERK 2200

Landry ST\_CLERK 2400

Gee ST\_CLERK 2400

Patel ST\_CLERK 2500

LAST\_NAME JOB\_ID SALARY

------------------------- ---------- ----------

Marlow ST\_CLERK 2500

Vargas ST\_CLERK 2500

Matos ST\_CLERK 2600

Seo ST\_CLERK 2700

Mikkilineni ST\_CLERK 2700

Atkinson ST\_CLERK 2800

Rogers ST\_CLERK 2900

Davies ST\_CLERK 3100

Stiles ST\_CLERK 3200

Nayer ST\_CLERK 3200

Mallin ST\_CLERK 3300

LAST\_NAME JOB\_ID SALARY

------------------------- ---------- ----------

Bissot ST\_CLERK 3300

Rajs ST\_CLERK 3500

Ladwig ST\_CLERK 3600

Mourgos ST\_MAN 5800

Vollman ST\_MAN 6500

Kaufling ST\_MAN 7900

Weiss ST\_MAN 8000

Fripp ST\_MAN 8200

107 rows selected.

22. SQL> select first\_name, last\_name, department\_id from hr.employees where department\_id <> 100;

FIRST\_NAME LAST\_NAME DEPARTMENT\_ID

-------------------- ------------------------- -------------

Ellen Abel 80

Sundar Ande 80

Mozhe Atkinson 50

David Austin 60

Hermann Baer 70

Shelli Baida 30

Amit Banda 80

Elizabeth Bates 80

Sarah Bell 50

David Bernstein 80

Laura Bissot 50

FIRST\_NAME LAST\_NAME DEPARTMENT\_ID

-------------------- ------------------------- -------------

Harrison Bloom 80

Alexis Bull 50

Anthony Cabrio 50

Gerald Cambrault 80

Nanette Cambrault 80

Kelly Chung 50

Karen Colmenares 30

Curtis Davies 50

Lex De Haan 90

Julia Dellinger 50

Jennifer Dilly 50

FIRST\_NAME LAST\_NAME DEPARTMENT\_ID

-------------------- ------------------------- -------------

Louise Doran 80

Bruce Ernst 60

Alberto Errazuriz 80

Britney Everett 50

Pat Fay 20

Kevin Feeney 50

Jean Fleaur 50

Tayler Fox 80

Adam Fripp 50

Timothy Gates 50

Ki Gee 50

FIRST\_NAME LAST\_NAME DEPARTMENT\_ID

-------------------- ------------------------- -------------

Girard Geoni 50

William Gietz 110

Douglas Grant 50

Danielle Greene 80

Peter Hall 80

Michael Hartstein 20

Shelley Higgins 110

Guy Himuro 30

Alexander Hunold 60

Alyssa Hutton 80

Charles Johnson 80

FIRST\_NAME LAST\_NAME DEPARTMENT\_ID

-------------------- ------------------------- -------------

Vance Jones 50

Payam Kaufling 50

Alexander Khoo 30

Janette King 80

Steven King 90

Neena Kochhar 90

Sundita Kumar 80

Renske Ladwig 50

James Landry 50

David Lee 80

Jack Livingston 80

FIRST\_NAME LAST\_NAME DEPARTMENT\_ID

-------------------- ------------------------- -------------

Diana Lorentz 60

Jason Mallin 50

Steven Markle 50

James Marlow 50

Mattea Marvins 80

Randall Matos 50

Susan Mavris 40

Samuel McCain 50

Allan McEwen 80

Irene Mikkilineni 50

Kevin Mourgos 50

FIRST\_NAME LAST\_NAME DEPARTMENT\_ID

-------------------- ------------------------- -------------

Julia Nayer 50

Donald OConnell 50

Christopher Olsen 80

TJ Olson 50

Lisa Ozer 80

Karen Partners 80

Valli Pataballa 60

Joshua Patel 50

Randall Perkins 50

Hazel Philtanker 50

Trenna Rajs 50

FIRST\_NAME LAST\_NAME DEPARTMENT\_ID

-------------------- ------------------------- -------------

Den Raphaely 30

Michael Rogers 50

John Russell 80

Nandita Sarchand 50

John Seo 50

Sarath Sewall 80

Lindsey Smith 80

William Smith 80

Stephen Stiles 50

Martha Sullivan 50

Patrick Sully 80

FIRST\_NAME LAST\_NAME DEPARTMENT\_ID

-------------------- ------------------------- -------------

Jonathon Taylor 80

Winston Taylor 50

Sigal Tobias 30

Peter Tucker 80

Oliver Tuvault 80

Peter Vargas 50

Clara Vishney 80

Shanta Vollman 50

Alana Walsh 50

Matthew Weiss 50

Jennifer Whalen 10

FIRST\_NAME LAST\_NAME DEPARTMENT\_ID

-------------------- ------------------------- -------------

Eleni Zlotkey 80

100 rows selected.

23. SQL> select last\_name, salary from hr.employees where salary >= 5000;

LAST\_NAME SALARY

------------------------- ----------

Hartstein 13000

Fay 6000

Mavris 6500

Baer 10000

Higgins 12008

Gietz 8300

King 24000

Kochhar 17000

De Haan 17000

Hunold 9000

Ernst 6000

LAST\_NAME SALARY

------------------------- ----------

Greenberg 12008

Faviet 9000

Chen 8200

Sciarra 7700

Urman 7800

Popp 6900

Raphaely 11000

Weiss 8000

Fripp 8200

Kaufling 7900

Vollman 6500

LAST\_NAME SALARY

------------------------- ----------

Mourgos 5800

Russell 14000

Partners 13500

Errazuriz 12000

Cambrault 11000

Zlotkey 10500

Tucker 10000

Bernstein 9500

Hall 9000

Olsen 8000

Cambrault 7500

LAST\_NAME SALARY

------------------------- ----------

Tuvault 7000

King 10000

Sully 9500

McEwen 9000

Smith 8000

Doran 7500

Sewall 7000

Vishney 10500

Greene 9500

Marvins 7200

Lee 6800

LAST\_NAME SALARY

------------------------- ----------

Ande 6400

Banda 6200

Ozer 11500

Bloom 10000

Fox 9600

Smith 7400

Bates 7300

Kumar 6100

Abel 11000

Hutton 8800

Taylor 8600

LAST\_NAME SALARY

------------------------- ----------

Livingston 8400

Grant 7000

Johnson 6200

58 rows selected.

24. SQL> select last\_name, department\_id from hr.employees where employee\_id = 176;

LAST\_NAME DEPARTMENT\_ID

------------------------- -------------

Taylor 80

25. SQL> select last\_name, salary from hr.employees where salary not between 5000 and 12000;

LAST\_NAME SALARY

------------------------- ----------

OConnell 2600

Grant 2600

Whalen 4400

Hartstein 13000

Higgins 12008

King 24000

Kochhar 17000

De Haan 17000

Austin 4800

Pataballa 4800

Lorentz 4200

LAST\_NAME SALARY

------------------------- ----------

Greenberg 12008

Khoo 3100

Baida 2900

Tobias 2800

Himuro 2600

Colmenares 2500

Nayer 3200

Mikkilineni 2700

Landry 2400

Markle 2200

Bissot 3300

LAST\_NAME SALARY

------------------------- ----------

Atkinson 2800

Marlow 2500

Olson 2100

Mallin 3300

Rogers 2900

Gee 2400

Philtanker 2200

Ladwig 3600

Stiles 3200

Seo 2700

Patel 2500

LAST\_NAME SALARY

------------------------- ----------

Rajs 3500

Davies 3100

Matos 2600

Vargas 2500

Russell 14000

Partners 13500

Taylor 3200

Fleaur 3100

Sullivan 2500

Geoni 2800

Sarchand 4200

LAST\_NAME SALARY

------------------------- ----------

Bull 4100

Dellinger 3400

Cabrio 3000

Chung 3800

Dilly 3600

Gates 2900

Perkins 2500

Bell 4000

Everett 3900

McCain 3200

Jones 2800

LAST\_NAME SALARY

------------------------- ----------

Walsh 3100

Feeney 3000

57 rows selected.

26. SQL> select last\_name, job\_id, hire\_date from hr.employees where hire\_date between '20-FEB-06' and '01-MAY-07' order by hire\_date asc;

LAST\_NAME JOB\_ID HIRE\_DATE

------------------------- ---------- ---------

Fleaur SH\_CLERK 23-FEB-06

Urman FI\_ACCOUNT 07-MAR-06

Matos ST\_CLERK 15-MAR-06

Bloom SA\_REP 23-MAR-06

Taylor SA\_REP 24-MAR-06

Olsen SA\_REP 30-MAR-06

Patel ST\_CLERK 06-APR-06

Livingston SA\_REP 23-APR-06

Walsh SH\_CLERK 24-APR-06

Feeney SH\_CLERK 23-MAY-06

Dellinger SH\_CLERK 24-JUN-06

LAST\_NAME JOB\_ID HIRE\_DATE

------------------------- ---------- ---------

McCain SH\_CLERK 01-JUL-06

Vargas ST\_CLERK 09-JUL-06

Gates SH\_CLERK 11-JUL-06

Rogers ST\_CLERK 26-AUG-06

Mikkilineni ST\_CLERK 28-SEP-06

Sewall SA\_REP 03-NOV-06

Himuro PU\_CLERK 15-NOV-06

Cambrault SA\_REP 09-DEC-06

Landry ST\_CLERK 14-JAN-07

Lorentz IT\_PROG 07-FEB-07

Cabrio SH\_CLERK 07-FEB-07

LAST\_NAME JOB\_ID HIRE\_DATE

------------------------- ---------- ---------

Smith SA\_REP 23-FEB-07

Jones SH\_CLERK 17-MAR-07

Greene SA\_REP 19-MAR-07

Bates SA\_REP 24-MAR-07

Olson ST\_CLERK 10-APR-07

27 rows selected.

27. SQL> select last\_name, department\_id from hr.employees where department\_id in (20, 50) order by 1;

LAST\_NAME DEPARTMENT\_ID

------------------------- -------------

Atkinson 50

Bell 50

Bissot 50

Bull 50

Cabrio 50

Chung 50

Davies 50

Dellinger 50

Dilly 50

Everett 50

Fay 20

LAST\_NAME DEPARTMENT\_ID

------------------------- -------------

Feeney 50

Fleaur 50

Fripp 50

Gates 50

Gee 50

Geoni 50

Grant 50

Hartstein 20

Jones 50

Kaufling 50

Ladwig 50

LAST\_NAME DEPARTMENT\_ID

------------------------- -------------

Landry 50

Mallin 50

Markle 50

Marlow 50

Matos 50

McCain 50

Mikkilineni 50

Mourgos 50

Nayer 50

OConnell 50

Olson 50

LAST\_NAME DEPARTMENT\_ID

------------------------- -------------

Patel 50

Perkins 50

Philtanker 50

Rajs 50

Rogers 50

Sarchand 50

Seo 50

Stiles 50

Sullivan 50

Taylor 50

Vargas 50

LAST\_NAME DEPARTMENT\_ID

------------------------- -------------

Vollman 50

Walsh 50

Weiss 50

47 rows selected.

28. SQL> select first\_name, last\_name, salary, department\_id from hr.employees where department\_id not in (30, 50);

FIRST\_NAME LAST\_NAME SALARY DEPARTMENT\_ID

-------------------- ------------------------- ---------- -------------

Jennifer Whalen 4400 10

Michael Hartstein 13000 20

Pat Fay 6000 20

Susan Mavris 6500 40

Hermann Baer 10000 70

Shelley Higgins 12008 110

William Gietz 8300 110

Steven King 24000 90

Neena Kochhar 17000 90

Lex De Haan 17000 90

Alexander Hunold 9000 60

FIRST\_NAME LAST\_NAME SALARY DEPARTMENT\_ID

-------------------- ------------------------- ---------- -------------

Bruce Ernst 6000 60

David Austin 4800 60

Valli Pataballa 4800 60

Diana Lorentz 4200 60

Nancy Greenberg 12008 100

Daniel Faviet 9000 100

John Chen 8200 100

Ismael Sciarra 7700 100

Jose Manuel Urman 7800 100

Luis Popp 6900 100

John Russell 14000 80

FIRST\_NAME LAST\_NAME SALARY DEPARTMENT\_ID

-------------------- ------------------------- ---------- -------------

Karen Partners 13500 80

Alberto Errazuriz 12000 80

Gerald Cambrault 11000 80

Eleni Zlotkey 10500 80

Peter Tucker 10000 80

David Bernstein 9500 80

Peter Hall 9000 80

Christopher Olsen 8000 80

Nanette Cambrault 7500 80

Oliver Tuvault 7000 80

Janette King 10000 80

FIRST\_NAME LAST\_NAME SALARY DEPARTMENT\_ID

-------------------- ------------------------- ---------- -------------

Patrick Sully 9500 80

Allan McEwen 9000 80

Lindsey Smith 8000 80

Louise Doran 7500 80

Sarath Sewall 7000 80

Clara Vishney 10500 80

Danielle Greene 9500 80

Mattea Marvins 7200 80

David Lee 6800 80

Sundar Ande 6400 80

Amit Banda 6200 80

FIRST\_NAME LAST\_NAME SALARY DEPARTMENT\_ID

-------------------- ------------------------- ---------- -------------

Lisa Ozer 11500 80

Harrison Bloom 10000 80

Tayler Fox 9600 80

William Smith 7400 80

Elizabeth Bates 7300 80

Sundita Kumar 6100 80

Ellen Abel 11000 80

Alyssa Hutton 8800 80

Jonathon Taylor 8600 80

Jack Livingston 8400 80

Charles Johnson 6200 80

55 rows selected.

29. SQL> select last\_name Employee, salary "Monthly Salary", department\_id from hr.employees where salary between 5000 and 12000 and department\_id in (20, 50);

EMPLOYEE Monthly Salary DEPARTMENT\_ID

------------------------- -------------- -------------

Fay 6000 20

Weiss 8000 50

Fripp 8200 50

Kaufling 7900 50

Vollman 6500 50

Mourgos 5800 50

6 rows selected.

30. SQL> select last\_name, hire\_date from hr.employees where hire\_date like '%07';

LAST\_NAME HIRE\_DATE

------------------------- ---------

OConnell 21-JUN-07

Ernst 21-MAY-07

Lorentz 07-FEB-07

Popp 07-DEC-07

Colmenares 10-AUG-07

Mourgos 16-NOV-07

Landry 14-JAN-07

Olson 10-APR-07

Gee 12-DEC-07

Cambrault 15-OCT-07

Tuvault 23-NOV-07

LAST\_NAME HIRE\_DATE

------------------------- ---------

Greene 19-MAR-07

Smith 23-FEB-07

Bates 24-MAR-07

Grant 24-MAY-07

Sullivan 21-JUN-07

Cabrio 07-FEB-07

Perkins 19-DEC-07

Jones 17-MAR-07

19 rows selected.

31. SQL> select last\_name, job\_id from hr.employees where manager\_id is null;

LAST\_NAME JOB\_ID

------------------------- ----------

King AD\_PRES

32. SQL> select lower (first\_name), lower (last\_name) from hr.employees;

LOWER(FIRST\_NAME) LOWER(LAST\_NAME)

-------------------- -------------------------

ellen abel

sundar ande

mozhe atkinson

david austin

hermann baer

shelli baida

amit banda

elizabeth bates

sarah bell

david bernstein

laura bissot

LOWER(FIRST\_NAME) LOWER(LAST\_NAME)

-------------------- -------------------------

harrison bloom

alexis bull

anthony cabrio

gerald cambrault

nanette cambrault

john chen

kelly chung

karen colmenares

curtis davies

lex de haan

julia dellinger

LOWER(FIRST\_NAME) LOWER(LAST\_NAME)

-------------------- -------------------------

jennifer dilly

louise doran

bruce ernst

alberto errazuriz

britney everett

daniel faviet

pat fay

kevin feeney

jean fleaur

tayler fox

adam fripp

LOWER(FIRST\_NAME) LOWER(LAST\_NAME)

-------------------- -------------------------

timothy gates

ki gee

girard geoni

william gietz

douglas grant

kimberely grant

nancy greenberg

danielle greene

peter hall

michael hartstein

shelley higgins

LOWER(FIRST\_NAME) LOWER(LAST\_NAME)

-------------------- -------------------------

guy himuro

alexander hunold

alyssa hutton

charles johnson

vance jones

payam kaufling

alexander khoo

janette king

steven king

neena kochhar

sundita kumar

LOWER(FIRST\_NAME) LOWER(LAST\_NAME)

-------------------- -------------------------

renske ladwig

james landry

david lee

jack livingston

diana lorentz

jason mallin

steven markle

james marlow

mattea marvins

randall matos

susan mavris

LOWER(FIRST\_NAME) LOWER(LAST\_NAME)

-------------------- -------------------------

samuel mccain

allan mcewen

irene mikkilineni

kevin mourgos

julia nayer

donald oconnell

christopher olsen

tj olson

lisa ozer

karen partners

valli pataballa

LOWER(FIRST\_NAME) LOWER(LAST\_NAME)

-------------------- -------------------------

joshua patel

randall perkins

hazel philtanker

luis popp

trenna rajs

den raphaely

michael rogers

john russell

nandita sarchand

ismael sciarra

john seo

LOWER(FIRST\_NAME) LOWER(LAST\_NAME)

-------------------- -------------------------

sarath sewall

lindsey smith

william smith

stephen stiles

martha sullivan

patrick sully

jonathon taylor

winston taylor

sigal tobias

peter tucker

oliver tuvault

LOWER(FIRST\_NAME) LOWER(LAST\_NAME)

-------------------- -------------------------

jose manuel urman

peter vargas

clara vishney

shanta vollman

alana walsh

matthew weiss

jennifer whalen

eleni zlotkey

107 rows selected.

33. SQL> select upper (first\_name), upper (last\_name) from hr.employees;

UPPER(FIRST\_NAME) UPPER(LAST\_NAME)

-------------------- -------------------------

ELLEN ABEL

SUNDAR ANDE

MOZHE ATKINSON

DAVID AUSTIN

HERMANN BAER

SHELLI BAIDA

AMIT BANDA

ELIZABETH BATES

SARAH BELL

DAVID BERNSTEIN

LAURA BISSOT

UPPER(FIRST\_NAME) UPPER(LAST\_NAME)

-------------------- -------------------------

HARRISON BLOOM

ALEXIS BULL

ANTHONY CABRIO

GERALD CAMBRAULT

NANETTE CAMBRAULT

JOHN CHEN

KELLY CHUNG

KAREN COLMENARES

CURTIS DAVIES

LEX DE HAAN

JULIA DELLINGER

UPPER(FIRST\_NAME) UPPER(LAST\_NAME)

-------------------- -------------------------

JENNIFER DILLY

LOUISE DORAN

BRUCE ERNST

ALBERTO ERRAZURIZ

BRITNEY EVERETT

DANIEL FAVIET

PAT FAY

KEVIN FEENEY

JEAN FLEAUR

TAYLER FOX

ADAM FRIPP

UPPER(FIRST\_NAME) UPPER(LAST\_NAME)

-------------------- -------------------------

TIMOTHY GATES

KI GEE

GIRARD GEONI

WILLIAM GIETZ

DOUGLAS GRANT

KIMBERELY GRANT

NANCY GREENBERG

DANIELLE GREENE

PETER HALL

MICHAEL HARTSTEIN

SHELLEY HIGGINS

UPPER(FIRST\_NAME) UPPER(LAST\_NAME)

-------------------- -------------------------

GUY HIMURO

ALEXANDER HUNOLD

ALYSSA HUTTON

CHARLES JOHNSON

VANCE JONES

PAYAM KAUFLING

ALEXANDER KHOO

JANETTE KING

STEVEN KING

NEENA KOCHHAR

SUNDITA KUMAR

UPPER(FIRST\_NAME) UPPER(LAST\_NAME)

-------------------- -------------------------

RENSKE LADWIG

JAMES LANDRY

DAVID LEE

JACK LIVINGSTON

DIANA LORENTZ

JASON MALLIN

STEVEN MARKLE

JAMES MARLOW

MATTEA MARVINS

RANDALL MATOS

SUSAN MAVRIS

UPPER(FIRST\_NAME) UPPER(LAST\_NAME)

-------------------- -------------------------

SAMUEL MCCAIN

ALLAN MCEWEN

IRENE MIKKILINENI

KEVIN MOURGOS

JULIA NAYER

DONALD OCONNELL

CHRISTOPHER OLSEN

TJ OLSON

LISA OZER

KAREN PARTNERS

VALLI PATABALLA

UPPER(FIRST\_NAME) UPPER(LAST\_NAME)

-------------------- -------------------------

JOSHUA PATEL

RANDALL PERKINS

HAZEL PHILTANKER

LUIS POPP

TRENNA RAJS

DEN RAPHAELY

MICHAEL ROGERS

JOHN RUSSELL

NANDITA SARCHAND

ISMAEL SCIARRA

JOHN SEO

UPPER(FIRST\_NAME) UPPER(LAST\_NAME)

-------------------- -------------------------

SARATH SEWALL

LINDSEY SMITH

WILLIAM SMITH

STEPHEN STILES

MARTHA SULLIVAN

PATRICK SULLY

JONATHON TAYLOR

WINSTON TAYLOR

SIGAL TOBIAS

PETER TUCKER

OLIVER TUVAULT

UPPER(FIRST\_NAME) UPPER(LAST\_NAME)

-------------------- -------------------------

JOSE MANUEL URMAN

PETER VARGAS

CLARA VISHNEY

SHANTA VOLLMAN

ALANA WALSH

MATTHEW WEISS

JENNIFER WHALEN

ELENI ZLOTKEY

107 rows selected.

34. SQL> select first\_name, last\_name, salary from hr.employees where commission\_pct is null;

FIRST\_NAME LAST\_NAME SALARY

-------------------- ------------------------- ----------

Donald OConnell 2600

Douglas Grant 2600

Jennifer Whalen 4400

Michael Hartstein 13000

Pat Fay 6000

Susan Mavris 6500

Hermann Baer 10000

Shelley Higgins 12008

William Gietz 8300

Steven King 24000

Neena Kochhar 17000

FIRST\_NAME LAST\_NAME SALARY

-------------------- ------------------------- ----------

Lex De Haan 17000

Alexander Hunold 9000

Bruce Ernst 6000

David Austin 4800

Valli Pataballa 4800

Diana Lorentz 4200

Nancy Greenberg 12008

Daniel Faviet 9000

John Chen 8200

Ismael Sciarra 7700

Jose Manuel Urman 7800

FIRST\_NAME LAST\_NAME SALARY

-------------------- ------------------------- ----------

Luis Popp 6900

Den Raphaely 11000

Alexander Khoo 3100

Shelli Baida 2900

Sigal Tobias 2800

Guy Himuro 2600

Karen Colmenares 2500

Matthew Weiss 8000

Adam Fripp 8200

Payam Kaufling 7900

Shanta Vollman 6500

FIRST\_NAME LAST\_NAME SALARY

-------------------- ------------------------- ----------

Kevin Mourgos 5800

Julia Nayer 3200

Irene Mikkilineni 2700

James Landry 2400

Steven Markle 2200

Laura Bissot 3300

Mozhe Atkinson 2800

James Marlow 2500

TJ Olson 2100

Jason Mallin 3300

Michael Rogers 2900

FIRST\_NAME LAST\_NAME SALARY

-------------------- ------------------------- ----------

Ki Gee 2400

Hazel Philtanker 2200

Renske Ladwig 3600

Stephen Stiles 3200

John Seo 2700

Joshua Patel 2500

Trenna Rajs 3500

Curtis Davies 3100

Randall Matos 2600

Peter Vargas 2500

Winston Taylor 3200

FIRST\_NAME LAST\_NAME SALARY

-------------------- ------------------------- ----------

Jean Fleaur 3100

Martha Sullivan 2500

Girard Geoni 2800

Nandita Sarchand 4200

Alexis Bull 4100

Julia Dellinger 3400

Anthony Cabrio 3000

Kelly Chung 3800

Jennifer Dilly 3600

Timothy Gates 2900

Randall Perkins 2500

FIRST\_NAME LAST\_NAME SALARY

-------------------- ------------------------- ----------

Sarah Bell 4000

Britney Everett 3900

Samuel McCain 3200

Vance Jones 2800

Alana Walsh 3100

Kevin Feeney 3000

72 rows selected.

35. SQL> select last\_name, salary, commission\_pct from hr.employees where commission\_pct is not null order by 2 desc, 3 desc;

LAST\_NAME SALARY COMMISSION\_PCT

------------------------- ---------- --------------

Russell 14000 .4

Partners 13500 .3

Errazuriz 12000 .3

Ozer 11500 .25

Cambrault 11000 .3

Abel 11000 .3

Vishney 10500 .25

Zlotkey 10500 .2

King 10000 .35

Tucker 10000 .3

Bloom 10000 .2

LAST\_NAME SALARY COMMISSION\_PCT

------------------------- ---------- --------------

Fox 9600 .2

Sully 9500 .35

Bernstein 9500 .25

Greene 9500 .15

McEwen 9000 .35

Hall 9000 .25

Hutton 8800 .25

Taylor 8600 .2

Livingston 8400 .2

Smith 8000 .3

Olsen 8000 .2

LAST\_NAME SALARY COMMISSION\_PCT

------------------------- ---------- --------------

Doran 7500 .3

Cambrault 7500 .2

Smith 7400 .15

Bates 7300 .15

Marvins 7200 .1

Sewall 7000 .25

Tuvault 7000 .15

Grant 7000 .15

Lee 6800 .1

Ande 6400 .1

Banda 6200 .1

LAST\_NAME SALARY COMMISSION\_PCT

------------------------- ---------- --------------

Johnson 6200 .1

Kumar 6100 .1

35 rows selected.

36. SQL> select last\_name, instr(last\_name, 'a') from hr.employees where instr(last\_name, 'a') = 3;

LAST\_NAME INSTR(LAST\_NAME,'A')

------------------------- --------------------

Grant 3

Grant 3

Whalen 3

37. SQL> select last\_name from hr.employees where last\_name like '%a%e%';

LAST\_NAME

-------------------------

Baer

Bates

Colmenares

Davies

Faviet

Gates

Hartstein

Markle

Nayer

Partners

Patel

LAST\_NAME

-------------------------

Philtanker

Raphaely

Whalen

14 rows selected.

38. SQL> select last\_name, job\_id, salary from hr.employees where job\_id in ('SA\_REP', 'ST\_CLERK') and salary not in (25000, 3500, 7000);

LAST\_NAME JOB\_ID SALARY

------------------------- ---------- ----------

Nayer ST\_CLERK 3200

Mikkilineni ST\_CLERK 2700

Landry ST\_CLERK 2400

Markle ST\_CLERK 2200

Bissot ST\_CLERK 3300

Atkinson ST\_CLERK 2800

Marlow ST\_CLERK 2500

Olson ST\_CLERK 2100

Mallin ST\_CLERK 3300

Rogers ST\_CLERK 2900

Gee ST\_CLERK 2400

LAST\_NAME JOB\_ID SALARY

------------------------- ---------- ----------

Philtanker ST\_CLERK 2200

Ladwig ST\_CLERK 3600

Stiles ST\_CLERK 3200

Seo ST\_CLERK 2700

Patel ST\_CLERK 2500

Davies ST\_CLERK 3100

Matos ST\_CLERK 2600

Vargas ST\_CLERK 2500

Tucker SA\_REP 10000

Bernstein SA\_REP 9500

Hall SA\_REP 9000

LAST\_NAME JOB\_ID SALARY

------------------------- ---------- ----------

Olsen SA\_REP 8000

Cambrault SA\_REP 7500

King SA\_REP 10000

Sully SA\_REP 9500

McEwen SA\_REP 9000

Smith SA\_REP 8000

Doran SA\_REP 7500

Vishney SA\_REP 10500

Greene SA\_REP 9500

Marvins SA\_REP 7200

Lee SA\_REP 6800

LAST\_NAME JOB\_ID SALARY

------------------------- ---------- ----------

Ande SA\_REP 6400

Banda SA\_REP 6200

Ozer SA\_REP 11500

Bloom SA\_REP 10000

Fox SA\_REP 9600

Smith SA\_REP 7400

Bates SA\_REP 7300

Kumar SA\_REP 6100

Abel SA\_REP 11000

Hutton SA\_REP 8800

Taylor SA\_REP 8600

LAST\_NAME JOB\_ID SALARY

------------------------- ---------- ----------

Livingston SA\_REP 8400

Johnson SA\_REP 6200

39. SQL> select last\_name, salary from hr.employees where salary > 12000;

LAST\_NAME SALARY

------------------------- ----------

Hartstein 13000

Higgins 12008

King 24000

Kochhar 17000

De Haan 17000

Greenberg 12008

Russell 14000

Partners 13500

8 rows selected.

40. SQL> select last\_name from hr.employees where length(last\_name) > 4;

LAST\_NAME

-------------------------

Atkinson

Austin

Baida

Banda

Bates

Bernstein

Bissot

Bloom

Cabrio

Cambrault

Cambrault

LAST\_NAME

-------------------------

Chung

Colmenares

Davies

De Haan

Dellinger

Dilly

Doran

Ernst

Errazuriz

Everett

Faviet

LAST\_NAME

-------------------------

Feeney

Fleaur

Fripp

Gates

Geoni

Gietz

Grant

Grant

Greenberg

Greene

Hartstein

LAST\_NAME

-------------------------

Higgins

Himuro

Hunold

Hutton

Johnson

Jones

Kaufling

Kochhar

Kumar

Ladwig

Landry

LAST\_NAME

-------------------------

Livingston

Lorentz

Mallin

Markle

Marlow

Marvins

Matos

Mavris

McCain

McEwen

Mikkilineni

LAST\_NAME

-------------------------

Mourgos

Nayer

OConnell

Olsen

Olson

Partners

Pataballa

Patel

Perkins

Philtanker

Raphaely

LAST\_NAME

-------------------------

Rogers

Russell

Sarchand

Sciarra

Sewall

Smith

Smith

Stiles

Sullivan

Sully

Taylor

LAST\_NAME

-------------------------

Taylor

Tobias

Tucker

Tuvault

Urman

Vargas

Vishney

Vollman

Walsh

Weiss

Whalen

LAST\_NAME

-------------------------

Zlotkey

89 rows selected.

41. SQL> select last\_name, salary, salary+100 "Raise" from hr.employees where commission\_pct is null;

LAST\_NAME SALARY Raise

------------------------- ---------- ----------

OConnell 2600 2700

Grant 2600 2700

Whalen 4400 4500

Hartstein 13000 13100

Fay 6000 6100

Mavris 6500 6600

Baer 10000 10100

Higgins 12008 12108

Gietz 8300 8400

King 24000 24100

Kochhar 17000 17100

LAST\_NAME SALARY Raise

------------------------- ---------- ----------

De Haan 17000 17100

Hunold 9000 9100

Ernst 6000 6100

Austin 4800 4900

Pataballa 4800 4900

Lorentz 4200 4300

Greenberg 12008 12108

Faviet 9000 9100

Chen 8200 8300

Sciarra 7700 7800

Urman 7800 7900

LAST\_NAME SALARY Raise

------------------------- ---------- ----------

Popp 6900 7000

Raphaely 11000 11100

Khoo 3100 3200

Baida 2900 3000

Tobias 2800 2900

Himuro 2600 2700

Colmenares 2500 2600

Weiss 8000 8100

Fripp 8200 8300

Kaufling 7900 8000

Vollman 6500 6600

LAST\_NAME SALARY Raise

------------------------- ---------- ----------

Mourgos 5800 5900

Nayer 3200 3300

Mikkilineni 2700 2800

Landry 2400 2500

Markle 2200 2300

Bissot 3300 3400

Atkinson 2800 2900

Marlow 2500 2600

Olson 2100 2200

Mallin 3300 3400

Rogers 2900 3000

LAST\_NAME SALARY Raise

------------------------- ---------- ----------

Gee 2400 2500

Philtanker 2200 2300

Ladwig 3600 3700

Stiles 3200 3300

Seo 2700 2800

Patel 2500 2600

Rajs 3500 3600

Davies 3100 3200

Matos 2600 2700

Vargas 2500 2600

Taylor 3200 3300

LAST\_NAME SALARY Raise

------------------------- ---------- ----------

Fleaur 3100 3200

Sullivan 2500 2600

Geoni 2800 2900

Sarchand 4200 4300

Bull 4100 4200

Dellinger 3400 3500

Cabrio 3000 3100

Chung 3800 3900

Dilly 3600 3700

Gates 2900 3000

Perkins 2500 2600

LAST\_NAME SALARY Raise

------------------------- ---------- ----------

Bell 4000 4100

Everett 3900 4000

McCain 3200 3300

Jones 2800 2900

Walsh 3100 3200

Feeney 3000 3100

72 rows selected.

42. SQL> select distinct job\_id from hr.employees;

JOB\_ID

----------

AC\_ACCOUNT

AC\_MGR

AD\_ASST

AD\_PRES

AD\_VP

FI\_ACCOUNT

FI\_MGR

HR\_REP

IT\_PROG

MK\_MAN

MK\_REP

JOB\_ID

----------

PR\_REP

PU\_CLERK

PU\_MAN

SA\_MAN

SA\_REP

SH\_CLERK

ST\_CLERK

ST\_MAN

19 rows selected.

43. SQL> select last\_name||', '||job\_id "employee title" from hr.employees;

employee title

-------------------------------------

Abel, SA\_REP

Ande, SA\_REP

Atkinson, ST\_CLERK

Austin, IT\_PROG

Baer, PR\_REP

Baida, PU\_CLERK

Banda, SA\_REP

Bates, SA\_REP

Bell, SH\_CLERK

Bernstein, SA\_REP

Bissot, ST\_CLERK

employee title

-------------------------------------

Bloom, SA\_REP

Bull, SH\_CLERK

Cabrio, SH\_CLERK

Cambrault, SA\_MAN

Cambrault, SA\_REP

Chen, FI\_ACCOUNT

Chung, SH\_CLERK

Colmenares, PU\_CLERK

Davies, ST\_CLERK

De Haan, AD\_VP

Dellinger, SH\_CLERK

employee title

-------------------------------------

Dilly, SH\_CLERK

Doran, SA\_REP

Ernst, IT\_PROG

Errazuriz, SA\_MAN

Everett, SH\_CLERK

Faviet, FI\_ACCOUNT

Fay, MK\_REP

Feeney, SH\_CLERK

Fleaur, SH\_CLERK

Fox, SA\_REP

Fripp, ST\_MAN

employee title

-------------------------------------

Gates, SH\_CLERK

Gee, ST\_CLERK

Geoni, SH\_CLERK

Gietz, AC\_ACCOUNT

Grant, SH\_CLERK

Grant, SA\_REP

Greenberg, FI\_MGR

Greene, SA\_REP

Hall, SA\_REP

Hartstein, MK\_MAN

Higgins, AC\_MGR

employee title

-------------------------------------

Himuro, PU\_CLERK

Hunold, IT\_PROG

Hutton, SA\_REP

Johnson, SA\_REP

Jones, SH\_CLERK

Kaufling, ST\_MAN

Khoo, PU\_CLERK

King, SA\_REP

King, AD\_PRES

Kochhar, AD\_VP

Kumar, SA\_REP

employee title

-------------------------------------

Ladwig, ST\_CLERK

Landry, ST\_CLERK

Lee, SA\_REP

Livingston, SA\_REP

Lorentz, IT\_PROG

Mallin, ST\_CLERK

Markle, ST\_CLERK

Marlow, ST\_CLERK

Marvins, SA\_REP

Matos, ST\_CLERK

Mavris, HR\_REP

employee title

-------------------------------------

McCain, SH\_CLERK

McEwen, SA\_REP

Mikkilineni, ST\_CLERK

Mourgos, ST\_MAN

Nayer, ST\_CLERK

OConnell, SH\_CLERK

Olsen, SA\_REP

Olson, ST\_CLERK

Ozer, SA\_REP

Partners, SA\_MAN

Pataballa, IT\_PROG

employee title

-------------------------------------

Patel, ST\_CLERK

Perkins, SH\_CLERK

Philtanker, ST\_CLERK

Popp, FI\_ACCOUNT

Rajs, ST\_CLERK

Raphaely, PU\_MAN

Rogers, ST\_CLERK

Russell, SA\_MAN

Sarchand, SH\_CLERK

Sciarra, FI\_ACCOUNT

Seo, ST\_CLERK

employee title

-------------------------------------

Sewall, SA\_REP

Smith, SA\_REP

Smith, SA\_REP

Stiles, ST\_CLERK

Sullivan, SH\_CLERK

Sully, SA\_REP

Taylor, SA\_REP

Taylor, SH\_CLERK

Tobias, PU\_CLERK

Tucker, SA\_REP

Tuvault, SA\_REP

employee title

-------------------------------------

Urman, FI\_ACCOUNT

Vargas, ST\_CLERK

Vishney, SA\_REP

Vollman, ST\_MAN

Walsh, SH\_CLERK

Weiss, ST\_MAN

Whalen, AD\_ASST

Zlotkey, SA\_MAN

107 rows selected.

44. SQL> select last\_name, job\_id, hire\_date from hr.employees where hire\_date not between '20-FEB-04' and '01-MAY-05' order by hire\_date asc;

LAST\_NAME JOB\_ID HIRE\_DATE

------------------------- ---------- ---------

De Haan AD\_VP 13-JAN-01

Baer PR\_REP 07-JUN-02

Gietz AC\_ACCOUNT 07-JUN-02

Higgins AC\_MGR 07-JUN-02

Mavris HR\_REP 07-JUN-02

Faviet FI\_ACCOUNT 16-AUG-02

Greenberg FI\_MGR 17-AUG-02

Raphaely PU\_MAN 07-DEC-02

Kaufling ST\_MAN 01-MAY-03

Khoo PU\_CLERK 18-MAY-03

King AD\_PRES 17-JUN-03

LAST\_NAME JOB\_ID HIRE\_DATE

------------------------- ---------- ---------

Ladwig ST\_CLERK 14-JUL-03

Whalen AD\_ASST 17-SEP-03

Rajs ST\_CLERK 17-OCT-03

Sarchand SH\_CLERK 27-JAN-04

King SA\_REP 30-JAN-04

Bell SH\_CLERK 04-FEB-04

Hartstein MK\_MAN 17-FEB-04

Chung SH\_CLERK 14-JUN-05

Austin IT\_PROG 25-JUN-05

Nayer ST\_CLERK 16-JUL-05

Tobias PU\_CLERK 24-JUL-05

LAST\_NAME JOB\_ID HIRE\_DATE

------------------------- ---------- ---------

Dilly SH\_CLERK 13-AUG-05

Fay MK\_REP 17-AUG-05

Hall SA\_REP 20-AUG-05

Bissot ST\_CLERK 20-AUG-05

Kochhar AD\_VP 21-SEP-05

Chen FI\_ACCOUNT 28-SEP-05

Sciarra FI\_ACCOUNT 30-SEP-05

Vollman ST\_MAN 10-OCT-05

Stiles ST\_CLERK 26-OCT-05

Atkinson ST\_CLERK 30-OCT-05

Vishney SA\_REP 11-NOV-05

LAST\_NAME JOB\_ID HIRE\_DATE

------------------------- ---------- ---------

Doran SA\_REP 15-DEC-05

Baida PU\_CLERK 24-DEC-05

Hunold IT\_PROG 03-JAN-06

Taylor SH\_CLERK 24-JAN-06

Fox SA\_REP 24-JAN-06

Pataballa IT\_PROG 05-FEB-06

Seo ST\_CLERK 12-FEB-06

Fleaur SH\_CLERK 23-FEB-06

Urman FI\_ACCOUNT 07-MAR-06

Matos ST\_CLERK 15-MAR-06

Bloom SA\_REP 23-MAR-06

LAST\_NAME JOB\_ID HIRE\_DATE

------------------------- ---------- ---------

Taylor SA\_REP 24-MAR-06

Olsen SA\_REP 30-MAR-06

Patel ST\_CLERK 06-APR-06

Livingston SA\_REP 23-APR-06

Walsh SH\_CLERK 24-APR-06

Feeney SH\_CLERK 23-MAY-06

Dellinger SH\_CLERK 24-JUN-06

McCain SH\_CLERK 01-JUL-06

Vargas ST\_CLERK 09-JUL-06

Gates SH\_CLERK 11-JUL-06

Rogers ST\_CLERK 26-AUG-06

LAST\_NAME JOB\_ID HIRE\_DATE

------------------------- ---------- ---------

Mikkilineni ST\_CLERK 28-SEP-06

Sewall SA\_REP 03-NOV-06

Himuro PU\_CLERK 15-NOV-06

Cambrault SA\_REP 09-DEC-06

Landry ST\_CLERK 14-JAN-07

Lorentz IT\_PROG 07-FEB-07

Cabrio SH\_CLERK 07-FEB-07

Smith SA\_REP 23-FEB-07

Jones SH\_CLERK 17-MAR-07

Greene SA\_REP 19-MAR-07

Bates SA\_REP 24-MAR-07

LAST\_NAME JOB\_ID HIRE\_DATE

------------------------- ---------- ---------

Olson ST\_CLERK 10-APR-07

Ernst IT\_PROG 21-MAY-07

Grant SA\_REP 24-MAY-07

OConnell SH\_CLERK 21-JUN-07

Sullivan SH\_CLERK 21-JUN-07

Colmenares PU\_CLERK 10-AUG-07

Cambrault SA\_MAN 15-OCT-07

Mourgos ST\_MAN 16-NOV-07

Tuvault SA\_REP 23-NOV-07

Popp FI\_ACCOUNT 07-DEC-07

Gee ST\_CLERK 12-DEC-07

LAST\_NAME JOB\_ID HIRE\_DATE

------------------------- ---------- ---------

Perkins SH\_CLERK 19-DEC-07

Johnson SA\_REP 04-JAN-08

Grant SH\_CLERK 13-JAN-08

Marvins SA\_REP 24-JAN-08

Zlotkey SA\_MAN 29-JAN-08

Geoni SH\_CLERK 03-FEB-08

Philtanker ST\_CLERK 06-FEB-08

Lee SA\_REP 23-FEB-08

Markle ST\_CLERK 08-MAR-08

Ande SA\_REP 24-MAR-08

Kumar SA\_REP 21-APR-08

LAST\_NAME JOB\_ID HIRE\_DATE

------------------------- ---------- ---------

Banda SA\_REP 21-APR-08

89 rows selected.

45. SQL> select sysdate "Date" from dual;

Date

---------

11-MAR-17

46. SQL> select initcap(last\_name) "Last Name", length(last\_name) "Length" from hr.employees where last\_name like 'J%' or last\_name like 'A%' or last\_name like 'M%' order by last\_name;

Last Name Length

------------------------- ----------

Abel 4

Ande 4

Atkinson 8

Austin 6

Johnson 7

Jones 5

Mallin 6

Markle 6

Marlow 6

Marvins 7

Matos 5

Last Name Length

------------------------- ----------

Mavris 6

Mccain 6

Mcewen 6

Mikkilineni 11

Mourgos 7

16 rows selected.

47. SQL> select last\_name, round((SYSDATE-hire\_date)/30) "Months Worked" from hr.employees order by 2;

LAST\_NAME Months Worked

------------------------- -------------

Kumar 108

Banda 108

Ande 109

Lee 110

Markle 110

Marvins 111

Zlotkey 111

Philtanker 111

Geoni 111

Grant 112

Perkins 112

LAST\_NAME Months Worked

------------------------- -------------

Johnson 112

Tuvault 113

Gee 113

Mourgos 113

Popp 113

Cambrault 115

Colmenares 117

OConnell 118

Sullivan 118

Grant 119

Ernst 119

LAST\_NAME Months Worked

------------------------- -------------

Olson 121

Bates 121

Greene 122

Jones 122

Smith 122

Lorentz 123

Cabrio 123

Landry 124

Cambrault 125

Sewall 126

Himuro 126

LAST\_NAME Months Worked

------------------------- -------------

Mikkilineni 127

Rogers 128

Vargas 130

Dellinger 130

Gates 130

McCain 130

Walsh 132

Feeney 132

Patel 133

Olsen 133

Livingston 133

LAST\_NAME Months Worked

------------------------- -------------

Urman 134

Matos 134

Bloom 134

Taylor 134

Fleaur 134

Pataballa 135

Seo 135

Fox 135

Taylor 135

Hunold 136

Baida 137

LAST\_NAME Months Worked

------------------------- -------------

Doran 137

Atkinson 138

Stiles 138

Vishney 138

Chen 139

Sciarra 139

Vollman 139

Kochhar 140

Fay 141

Bissot 141

Hall 141

LAST\_NAME Months Worked

------------------------- -------------

Dilly 141

Tobias 142

Nayer 142

Austin 143

Chung 143

Fripp 145

Errazuriz 146

Bernstein 146

Smith 146

Ozer 146

Hutton 146

LAST\_NAME Months Worked

------------------------- -------------

Everett 146

Marlow 147

Davies 147

Tucker 147

Bull 147

Partners 148

Russell 151

Weiss 154

McEwen 154

Mallin 155

Abel 156

LAST\_NAME Months Worked

------------------------- -------------

Hartstein 159

Sully 159

Bell 159

King 160

Sarchand 160

Rajs 163

Whalen 164

Ladwig 166

King 167

Khoo 168

Kaufling 169

LAST\_NAME Months Worked

------------------------- -------------

Raphaely 174

Greenberg 177

Faviet 177

Mavris 180

Baer 180

Higgins 180

Gietz 180

De Haan 197

107 rows selected.

48. SQL> select last\_name, lpad(salary, 15, '$') "Salary" from hr.employees;

LAST\_NAME Salary

------------------------- ---------------

OConnell $$$$$$$$$$$2600

Grant $$$$$$$$$$$2600

Whalen $$$$$$$$$$$4400

Hartstein $$$$$$$$$$13000

Fay $$$$$$$$$$$6000

Mavris $$$$$$$$$$$6500

Baer $$$$$$$$$$10000

Higgins $$$$$$$$$$12008

Gietz $$$$$$$$$$$8300

King $$$$$$$$$$24000

Kochhar $$$$$$$$$$17000

LAST\_NAME Salary

------------------------- ---------------

De Haan $$$$$$$$$$17000

Hunold $$$$$$$$$$$9000

Ernst $$$$$$$$$$$6000

Austin $$$$$$$$$$$4800

Pataballa $$$$$$$$$$$4800

Lorentz $$$$$$$$$$$4200

Greenberg $$$$$$$$$$12008

Faviet $$$$$$$$$$$9000

Chen $$$$$$$$$$$8200

Sciarra $$$$$$$$$$$7700

Urman $$$$$$$$$$$7800

LAST\_NAME Salary

------------------------- ---------------

Popp $$$$$$$$$$$6900

Raphaely $$$$$$$$$$11000

Khoo $$$$$$$$$$$3100

Baida $$$$$$$$$$$2900

Tobias $$$$$$$$$$$2800

Himuro $$$$$$$$$$$2600

Colmenares $$$$$$$$$$$2500

Weiss $$$$$$$$$$$8000

Fripp $$$$$$$$$$$8200

Kaufling $$$$$$$$$$$7900

Vollman $$$$$$$$$$$6500

LAST\_NAME Salary

------------------------- ---------------

Mourgos $$$$$$$$$$$5800

Nayer $$$$$$$$$$$3200

Mikkilineni $$$$$$$$$$$2700

Landry $$$$$$$$$$$2400

Markle $$$$$$$$$$$2200

Bissot $$$$$$$$$$$3300

Atkinson $$$$$$$$$$$2800

Marlow $$$$$$$$$$$2500

Olson $$$$$$$$$$$2100

Mallin $$$$$$$$$$$3300

Rogers $$$$$$$$$$$2900

LAST\_NAME Salary

------------------------- ---------------

Gee $$$$$$$$$$$2400

Philtanker $$$$$$$$$$$2200

Ladwig $$$$$$$$$$$3600

Stiles $$$$$$$$$$$3200

Seo $$$$$$$$$$$2700

Patel $$$$$$$$$$$2500

Rajs $$$$$$$$$$$3500

Davies $$$$$$$$$$$3100

Matos $$$$$$$$$$$2600

Vargas $$$$$$$$$$$2500

Russell $$$$$$$$$$14000

LAST\_NAME Salary

------------------------- ---------------

Partners $$$$$$$$$$13500

Errazuriz $$$$$$$$$$12000

Cambrault $$$$$$$$$$11000

Zlotkey $$$$$$$$$$10500

Tucker $$$$$$$$$$10000

Bernstein $$$$$$$$$$$9500

Hall $$$$$$$$$$$9000

Olsen $$$$$$$$$$$8000

Cambrault $$$$$$$$$$$7500

Tuvault $$$$$$$$$$$7000

King $$$$$$$$$$10000

LAST\_NAME Salary

------------------------- ---------------

Sully $$$$$$$$$$$9500

McEwen $$$$$$$$$$$9000

Smith $$$$$$$$$$$8000

Doran $$$$$$$$$$$7500

Sewall $$$$$$$$$$$7000

Vishney $$$$$$$$$$10500

Greene $$$$$$$$$$$9500

Marvins $$$$$$$$$$$7200

Lee $$$$$$$$$$$6800

Ande $$$$$$$$$$$6400

Banda $$$$$$$$$$$6200

LAST\_NAME Salary

------------------------- ---------------

Ozer $$$$$$$$$$11500

Bloom $$$$$$$$$$10000

Fox $$$$$$$$$$$9600

Smith $$$$$$$$$$$7400

Bates $$$$$$$$$$$7300

Kumar $$$$$$$$$$$6100

Abel $$$$$$$$$$11000

Hutton $$$$$$$$$$$8800

Taylor $$$$$$$$$$$8600

Livingston $$$$$$$$$$$8400

Grant $$$$$$$$$$$7000

LAST\_NAME Salary

------------------------- ---------------

Johnson $$$$$$$$$$$6200

Taylor $$$$$$$$$$$3200

Fleaur $$$$$$$$$$$3100

Sullivan $$$$$$$$$$$2500

Geoni $$$$$$$$$$$2800

Sarchand $$$$$$$$$$$4200

Bull $$$$$$$$$$$4100

Dellinger $$$$$$$$$$$3400

Cabrio $$$$$$$$$$$3000

Chung $$$$$$$$$$$3800

Dilly $$$$$$$$$$$3600

LAST\_NAME Salary

------------------------- ---------------

Gates $$$$$$$$$$$2900

Perkins $$$$$$$$$$$2500

Bell $$$$$$$$$$$4000

Everett $$$$$$$$$$$3900

McCain $$$$$$$$$$$3200

Jones $$$$$$$$$$$2800

Walsh $$$$$$$$$$$3100

Feeney $$$$$$$$$$$3000

107 rows selected.

49. SQL> select last\_name, salary, department\_id, phone\_number, email from hr.employees where first\_name in ('Daniel');

LAST\_NAME SALARY DEPARTMENT\_ID PHONE\_NUMBER

------------------------- ---------- ------------- --------------------

EMAIL

-------------------------

Faviet 9000 100 515.124.4169

DFAVIET

50. SQL> select \* from hr.employees where first\_name in ('David');

EMPLOYEE\_ID FIRST\_NAME LAST\_NAME

----------- -------------------- -------------------------

EMAIL PHONE\_NUMBER HIRE\_DATE JOB\_ID SALARY

------------------------- -------------------- --------- ---------- ----------

COMMISSION\_PCT MANAGER\_ID DEPARTMENT\_ID

-------------- ---------- -------------

105 David Austin

DAUSTIN 590.423.4569 25-JUN-05 IT\_PROG 4800

103 60

151 David Bernstein

DBERNSTE 011.44.1344.345268 24-MAR-05 SA\_REP 9500

.25 145 80

EMPLOYEE\_ID FIRST\_NAME LAST\_NAME

----------- -------------------- -------------------------

EMAIL PHONE\_NUMBER HIRE\_DATE JOB\_ID SALARY

------------------------- -------------------- --------- ---------- ----------

COMMISSION\_PCT MANAGER\_ID DEPARTMENT\_ID

-------------- ---------- -------------

165 David Lee

DLEE 011.44.1346.529268 23-FEB-08 SA\_REP 6800

.1 147 80

51. SQL> select distinct count(manager\_id) "Number of Managers" from hr.employees where manager\_id is not null and salary > 6000 order by salary desc;

Number of Managers

------------------

54

53.

54. SQL> select last\_name, department\_id, salary from hr.employees where department\_id in (70, 80, 100) and salary > 600;

LAST\_NAME DEPARTMENT\_ID SALARY

------------------------- ------------- ----------

Baer 70 10000

Greenberg 100 12008

Faviet 100 9000

Chen 100 8200

Sciarra 100 7700

Urman 100 7800

Popp 100 6900

Russell 80 14000

Partners 80 13500

Errazuriz 80 12000

Cambrault 80 11000

LAST\_NAME DEPARTMENT\_ID SALARY

------------------------- ------------- ----------

Zlotkey 80 10500

Tucker 80 10000

Bernstein 80 9500

Hall 80 9000

Olsen 80 8000

Cambrault 80 7500

Tuvault 80 7000

King 80 10000

Sully 80 9500

McEwen 80 9000

Smith 80 8000

LAST\_NAME DEPARTMENT\_ID SALARY

------------------------- ------------- ----------

Doran 80 7500

Sewall 80 7000

Vishney 80 10500

Greene 80 9500

Marvins 80 7200

Lee 80 6800

Ande 80 6400

Banda 80 6200

Ozer 80 11500

Bloom 80 10000

Fox 80 9600

LAST\_NAME DEPARTMENT\_ID SALARY

------------------------- ------------- ----------

Smith 80 7400

Bates 80 7300

Kumar 80 6100

Abel 80 11000

Hutton 80 8800

Taylor 80 8600

Livingston 80 8400

Johnson 80 6200

41 rows selected.

55. SQL> select last\_name, to\_char(salary, '$99999.99') from hr.employees;

LAST\_NAME TO\_CHAR(SA

------------------------- ----------

OConnell $2600.00

Grant $2600.00

Whalen $4400.00

Hartstein $13000.00

Fay $6000.00

Mavris $6500.00

Baer $10000.00

Higgins $12008.00

Gietz $8300.00

King $24000.00

Kochhar $17000.00

LAST\_NAME TO\_CHAR(SA

------------------------- ----------

De Haan $17000.00

Hunold $9000.00

Ernst $6000.00

Austin $4800.00

Pataballa $4800.00

Lorentz $4200.00

Greenberg $12008.00

Faviet $9000.00

Chen $8200.00

Sciarra $7700.00

Urman $7800.00

LAST\_NAME TO\_CHAR(SA

------------------------- ----------

Popp $6900.00

Raphaely $11000.00

Khoo $3100.00

Baida $2900.00

Tobias $2800.00

Himuro $2600.00

Colmenares $2500.00

Weiss $8000.00

Fripp $8200.00

Kaufling $7900.00

Vollman $6500.00

LAST\_NAME TO\_CHAR(SA

------------------------- ----------

Mourgos $5800.00

Nayer $3200.00

Mikkilineni $2700.00

Landry $2400.00

Markle $2200.00

Bissot $3300.00

Atkinson $2800.00

Marlow $2500.00

Olson $2100.00

Mallin $3300.00

Rogers $2900.00

LAST\_NAME TO\_CHAR(SA

------------------------- ----------

Gee $2400.00

Philtanker $2200.00

Ladwig $3600.00

Stiles $3200.00

Seo $2700.00

Patel $2500.00

Rajs $3500.00

Davies $3100.00

Matos $2600.00

Vargas $2500.00

Russell $14000.00

LAST\_NAME TO\_CHAR(SA

------------------------- ----------

Partners $13500.00

Errazuriz $12000.00

Cambrault $11000.00

Zlotkey $10500.00

Tucker $10000.00

Bernstein $9500.00

Hall $9000.00

Olsen $8000.00

Cambrault $7500.00

Tuvault $7000.00

King $10000.00

LAST\_NAME TO\_CHAR(SA

------------------------- ----------

Sully $9500.00

McEwen $9000.00

Smith $8000.00

Doran $7500.00

Sewall $7000.00

Vishney $10500.00

Greene $9500.00

Marvins $7200.00

Lee $6800.00

Ande $6400.00

Banda $6200.00

LAST\_NAME TO\_CHAR(SA

------------------------- ----------

Ozer $11500.00

Bloom $10000.00

Fox $9600.00

Smith $7400.00

Bates $7300.00

Kumar $6100.00

Abel $11000.00

Hutton $8800.00

Taylor $8600.00

Livingston $8400.00

Grant $7000.00

LAST\_NAME TO\_CHAR(SA

------------------------- ----------

Johnson $6200.00

Taylor $3200.00

Fleaur $3100.00

Sullivan $2500.00

Geoni $2800.00

Sarchand $4200.00

Bull $4100.00

Dellinger $3400.00

Cabrio $3000.00

Chung $3800.00

Dilly $3600.00

LAST\_NAME TO\_CHAR(SA

------------------------- ----------

Gates $2900.00

Perkins $2500.00

Bell $4000.00

Everett $3900.00

McCain $3200.00

Jones $2800.00

Walsh $3100.00

Feeney $3000.00

107 rows selected.

56. SQL> select last\_name, to\_char(hire\_date, 'yyyy-mm-dd') "Hire Date" from hr.employees;

LAST\_NAME Hire Date

------------------------- ----------

OConnell 2007-06-21

Grant 2008-01-13

Whalen 2003-09-17

Hartstein 2004-02-17

Fay 2005-08-17

Mavris 2002-06-07

Baer 2002-06-07

Higgins 2002-06-07

Gietz 2002-06-07

King 2003-06-17

Kochhar 2005-09-21

LAST\_NAME Hire Date

------------------------- ----------

De Haan 2001-01-13

Hunold 2006-01-03

Ernst 2007-05-21

Austin 2005-06-25

Pataballa 2006-02-05

Lorentz 2007-02-07

Greenberg 2002-08-17

Faviet 2002-08-16

Chen 2005-09-28

Sciarra 2005-09-30

Urman 2006-03-07

LAST\_NAME Hire Date

------------------------- ----------

Popp 2007-12-07

Raphaely 2002-12-07

Khoo 2003-05-18

Baida 2005-12-24

Tobias 2005-07-24

Himuro 2006-11-15

Colmenares 2007-08-10

Weiss 2004-07-18

Fripp 2005-04-10

Kaufling 2003-05-01

Vollman 2005-10-10

LAST\_NAME Hire Date

------------------------- ----------

Mourgos 2007-11-16

Nayer 2005-07-16

Mikkilineni 2006-09-28

Landry 2007-01-14

Markle 2008-03-08

Bissot 2005-08-20

Atkinson 2005-10-30

Marlow 2005-02-16

Olson 2007-04-10

Mallin 2004-06-14

Rogers 2006-08-26

LAST\_NAME Hire Date

------------------------- ----------

Gee 2007-12-12

Philtanker 2008-02-06

Ladwig 2003-07-14

Stiles 2005-10-26

Seo 2006-02-12

Patel 2006-04-06

Rajs 2003-10-17

Davies 2005-01-29

Matos 2006-03-15

Vargas 2006-07-09

Russell 2004-10-01

LAST\_NAME Hire Date

------------------------- ----------

Partners 2005-01-05

Errazuriz 2005-03-10

Cambrault 2007-10-15

Zlotkey 2008-01-29

Tucker 2005-01-30

Bernstein 2005-03-24

Hall 2005-08-20

Olsen 2006-03-30

Cambrault 2006-12-09

Tuvault 2007-11-23

King 2004-01-30

LAST\_NAME Hire Date

------------------------- ----------

Sully 2004-03-04

McEwen 2004-08-01

Smith 2005-03-10

Doran 2005-12-15

Sewall 2006-11-03

Vishney 2005-11-11

Greene 2007-03-19

Marvins 2008-01-24

Lee 2008-02-23

Ande 2008-03-24

Banda 2008-04-21

LAST\_NAME Hire Date

------------------------- ----------

Ozer 2005-03-11

Bloom 2006-03-23

Fox 2006-01-24

Smith 2007-02-23

Bates 2007-03-24

Kumar 2008-04-21

Abel 2004-05-11

Hutton 2005-03-19

Taylor 2006-03-24

Livingston 2006-04-23

Grant 2007-05-24

LAST\_NAME Hire Date

------------------------- ----------

Johnson 2008-01-04

Taylor 2006-01-24

Fleaur 2006-02-23

Sullivan 2007-06-21

Geoni 2008-02-03

Sarchand 2004-01-27

Bull 2005-02-20

Dellinger 2006-06-24

Cabrio 2007-02-07

Chung 2005-06-14

Dilly 2005-08-13

LAST\_NAME Hire Date

------------------------- ----------

Gates 2006-07-11

Perkins 2007-12-19

Bell 2004-02-04

Everett 2005-03-03

McCain 2006-07-01

Jones 2007-03-17

Walsh 2006-04-24

Feeney 2006-05-23

107 rows selected.

57. SQL> select last\_name, hire\_date from hr.employees where hire\_date like '%06';

LAST\_NAME HIRE\_DATE

------------------------- ---------

Hunold 03-JAN-06

Pataballa 05-FEB-06

Urman 07-MAR-06

Himuro 15-NOV-06

Mikkilineni 28-SEP-06

Rogers 26-AUG-06

Seo 12-FEB-06

Patel 06-APR-06

Matos 15-MAR-06

Vargas 09-JUL-06

Olsen 30-MAR-06

LAST\_NAME HIRE\_DATE

------------------------- ---------

Cambrault 09-DEC-06

Sewall 03-NOV-06

Bloom 23-MAR-06

Fox 24-JAN-06

Taylor 24-MAR-06

Livingston 23-APR-06

Taylor 24-JAN-06

Fleaur 23-FEB-06

Dellinger 24-JUN-06

Gates 11-JUL-06

McCain 01-JUL-06

LAST\_NAME HIRE\_DATE

------------------------- ---------

Walsh 24-APR-06

Feeney 23-MAY-06

24 rows selected.

58. SQL> select last\_name, hire\_date from hr.employees where hire\_date like '%MAR-07';

LAST\_NAME HIRE\_DATE

------------------------- ---------

Greene 19-MAR-07

Bates 24-MAR-07

Jones 17-MAR-07

59. LAST\_NAME SALARY COMMISSION\_PCT

------------------------- ---------- --------------

Hartstein 13000

Fay 6000

Mavris 6500

Baer 10000

Higgins 12008

Gietz 8300

King 24000

Kochhar 17000

De Haan 17000

Hunold 9000

Ernst 6000

LAST\_NAME SALARY COMMISSION\_PCT

------------------------- ---------- --------------

Greenberg 12008

Faviet 9000

Chen 8200

Sciarra 7700

Urman 7800

Popp 6900

Raphaely 11000

Weiss 8000

Fripp 8200

Kaufling 7900

Vollman 6500

LAST\_NAME SALARY COMMISSION\_PCT

------------------------- ---------- --------------

Mourgos 5800

23 rows selected.

60. SQL> select last\_name, salary, commission\_pct from hr.employees where salary < 8000 and commission\_pct is not null;

LAST\_NAME SALARY COMMISSION\_PCT

------------------------- ---------- --------------

Cambrault 7500 .2

Tuvault 7000 .15

Doran 7500 .3

Sewall 7000 .25

Marvins 7200 .1

Lee 6800 .1

Ande 6400 .1

Banda 6200 .1

Smith 7400 .15

Bates 7300 .15

Kumar 6100 .1

LAST\_NAME SALARY COMMISSION\_PCT

------------------------- ---------- --------------

Grant 7000 .15

Johnson 6200 .1

13 rows selected.

61. SQL> select rpad(phone\_number, 14) from hr.employees;

RPAD(PHONE\_NUM

--------------

650.507.9833

650.507.9844

515.123.4444

515.123.5555

603.123.6666

515.123.7777

515.123.8888

515.123.8080

515.123.8181

515.123.4567

515.123.4568

RPAD(PHONE\_NUM

--------------

515.123.4569

590.423.4567

590.423.4568

590.423.4569

590.423.4560

590.423.5567

515.124.4569

515.124.4169

515.124.4269

515.124.4369

515.124.4469

RPAD(PHONE\_NUM

--------------

515.124.4567

515.127.4561

515.127.4562

515.127.4563

515.127.4564

515.127.4565

515.127.4566

650.123.1234

650.123.2234

650.123.3234

650.123.4234

RPAD(PHONE\_NUM

--------------

650.123.5234

650.124.1214

650.124.1224

650.124.1334

650.124.1434

650.124.5234

650.124.6234

650.124.7234

650.124.8234

650.127.1934

650.127.1834

RPAD(PHONE\_NUM

--------------

650.127.1734

650.127.1634

650.121.1234

650.121.2034

650.121.2019

650.121.1834

650.121.8009

650.121.2994

650.121.2874

650.121.2004

011.44.1344.42

RPAD(PHONE\_NUM

--------------

011.44.1344.46

011.44.1344.42

011.44.1344.61

011.44.1344.42

011.44.1344.12

011.44.1344.34

011.44.1344.47

011.44.1344.49

011.44.1344.98

011.44.1344.48

011.44.1345.42

RPAD(PHONE\_NUM

--------------

011.44.1345.92

011.44.1345.82

011.44.1345.72

011.44.1345.62

011.44.1345.52

011.44.1346.12

011.44.1346.22

011.44.1346.32

011.44.1346.52

011.44.1346.62

011.44.1346.72

RPAD(PHONE\_NUM

--------------

011.44.1343.92

011.44.1343.82

011.44.1343.72

011.44.1343.62

011.44.1343.52

011.44.1343.32

011.44.1644.42

011.44.1644.42

011.44.1644.42

011.44.1644.42

011.44.1644.42

RPAD(PHONE\_NUM

--------------

011.44.1644.42

650.507.9876

650.507.9877

650.507.9878

650.507.9879

650.509.1876

650.509.2876

650.509.3876

650.509.4876

650.505.1876

650.505.2876

RPAD(PHONE\_NUM

--------------

650.505.3876

650.505.4876

650.501.1876

650.501.2876

650.501.3876

650.501.4876

650.507.9811

650.507.9822

107 rows selected.

62. SQL> select last\_name, salary, nvl(commission\_pct, 0) "Commission" from hr.employees;

LAST\_NAME SALARY Commission

------------------------- ---------- ----------

OConnell 2600 0

Grant 2600 0

Whalen 4400 0

Hartstein 13000 0

Fay 6000 0

Mavris 6500 0

Baer 10000 0

Higgins 12008 0

Gietz 8300 0

King 24000 0

Kochhar 17000 0

LAST\_NAME SALARY Commission

------------------------- ---------- ----------

De Haan 17000 0

Hunold 9000 0

Ernst 6000 0

Austin 4800 0

Pataballa 4800 0

Lorentz 4200 0

Greenberg 12008 0

Faviet 9000 0

Chen 8200 0

Sciarra 7700 0

Urman 7800 0

LAST\_NAME SALARY Commission

------------------------- ---------- ----------

Popp 6900 0

Raphaely 11000 0

Khoo 3100 0

Baida 2900 0

Tobias 2800 0

Himuro 2600 0

Colmenares 2500 0

Weiss 8000 0

Fripp 8200 0

Kaufling 7900 0

Vollman 6500 0

LAST\_NAME SALARY Commission

------------------------- ---------- ----------

Mourgos 5800 0

Nayer 3200 0

Mikkilineni 2700 0

Landry 2400 0

Markle 2200 0

Bissot 3300 0

Atkinson 2800 0

Marlow 2500 0

Olson 2100 0

Mallin 3300 0

Rogers 2900 0

LAST\_NAME SALARY Commission

------------------------- ---------- ----------

Gee 2400 0

Philtanker 2200 0

Ladwig 3600 0

Stiles 3200 0

Seo 2700 0

Patel 2500 0

Rajs 3500 0

Davies 3100 0

Matos 2600 0

Vargas 2500 0

Russell 14000 .4

LAST\_NAME SALARY Commission

------------------------- ---------- ----------

Partners 13500 .3

Errazuriz 12000 .3

Cambrault 11000 .3

Zlotkey 10500 .2

Tucker 10000 .3

Bernstein 9500 .25

Hall 9000 .25

Olsen 8000 .2

Cambrault 7500 .2

Tuvault 7000 .15

King 10000 .35

LAST\_NAME SALARY Commission

------------------------- ---------- ----------

Sully 9500 .35

McEwen 9000 .35

Smith 8000 .3

Doran 7500 .3

Sewall 7000 .25

Vishney 10500 .25

Greene 9500 .15

Marvins 7200 .1

Lee 6800 .1

Ande 6400 .1

Banda 6200 .1

LAST\_NAME SALARY Commission

------------------------- ---------- ----------

Ozer 11500 .25

Bloom 10000 .2

Fox 9600 .2

Smith 7400 .15

Bates 7300 .15

Kumar 6100 .1

Abel 11000 .3

Hutton 8800 .25

Taylor 8600 .2

Livingston 8400 .2

Grant 7000 .15

LAST\_NAME SALARY Commission

------------------------- ---------- ----------

Johnson 6200 .1

Taylor 3200 0

Fleaur 3100 0

Sullivan 2500 0

Geoni 2800 0

Sarchand 4200 0

Bull 4100 0

Dellinger 3400 0

Cabrio 3000 0

Chung 3800 0

Dilly 3600 0

LAST\_NAME SALARY Commission

------------------------- ---------- ----------

Gates 2900 0

Perkins 2500 0

Bell 4000 0

Everett 3900 0

McCain 3200 0

Jones 2800 0

Walsh 3100 0

Feeney 3000 0

107 rows selected.

63. SQL> select first\_name, replace(first\_name, 'P', 'M') from hr.employees where first\_name in 'Peter';

FIRST\_NAME REPLACE(FIRST\_NAME,'

-------------------- --------------------

Peter Meter

Peter Meter

Peter Meter

64. SQL> select first\_name||' '||last\_name "Name" from hr.employees;

Name

----------------------------------------------

Ellen Abel

Sundar Ande

Mozhe Atkinson

David Austin

Hermann Baer

Shelli Baida

Amit Banda

Elizabeth Bates

Sarah Bell

David Bernstein

Laura Bissot

Name

----------------------------------------------

Harrison Bloom

Alexis Bull

Anthony Cabrio

Gerald Cambrault

Nanette Cambrault

John Chen

Kelly Chung

Karen Colmenares

Curtis Davies

Lex De Haan

Julia Dellinger

Name

----------------------------------------------

Jennifer Dilly

Louise Doran

Bruce Ernst

Alberto Errazuriz

Britney Everett

Daniel Faviet

Pat Fay

Kevin Feeney

Jean Fleaur

Tayler Fox

Adam Fripp

Name

----------------------------------------------

Timothy Gates

Ki Gee

Girard Geoni

William Gietz

Douglas Grant

Kimberely Grant

Nancy Greenberg

Danielle Greene

Peter Hall

Michael Hartstein

Shelley Higgins

Name

----------------------------------------------

Guy Himuro

Alexander Hunold

Alyssa Hutton

Charles Johnson

Vance Jones

Payam Kaufling

Alexander Khoo

Janette King

Steven King

Neena Kochhar

Sundita Kumar

Name

----------------------------------------------

Renske Ladwig

James Landry

David Lee

Jack Livingston

Diana Lorentz

Jason Mallin

Steven Markle

James Marlow

Mattea Marvins

Randall Matos

Susan Mavris

Name

----------------------------------------------

Samuel McCain

Allan McEwen

Irene Mikkilineni

Kevin Mourgos

Julia Nayer

Donald OConnell

Christopher Olsen

TJ Olson

Lisa Ozer

Karen Partners

Valli Pataballa

Name

----------------------------------------------

Joshua Patel

Randall Perkins

Hazel Philtanker

Luis Popp

Trenna Rajs

Den Raphaely

Michael Rogers

John Russell

Nandita Sarchand

Ismael Sciarra

John Seo

Name

----------------------------------------------

Sarath Sewall

Lindsey Smith

William Smith

Stephen Stiles

Martha Sullivan

Patrick Sully

Jonathon Taylor

Winston Taylor

Sigal Tobias

Peter Tucker

Oliver Tuvault

Name

----------------------------------------------

Jose Manuel Urman

Peter Vargas

Clara Vishney

Shanta Vollman

Alana Walsh

Matthew Weiss

Jennifer Whalen

Eleni Zlotkey

107 rows selected.

65. SQL> select first\_name, last\_name, salary, department\_id from hr.employees where salary not between '8000' and '12000' and first\_name not like 'J%' and department\_id not in (70, 100);

FIRST\_NAME LAST\_NAME SALARY DEPARTMENT\_ID

-------------------- ------------------------- ---------- -------------

Donald OConnell 2600 50

Douglas Grant 2600 50

Michael Hartstein 13000 20

Pat Fay 6000 20

Susan Mavris 6500 40

Shelley Higgins 12008 110

Steven King 24000 90

Neena Kochhar 17000 90

Lex De Haan 17000 90

Bruce Ernst 6000 60

David Austin 4800 60

FIRST\_NAME LAST\_NAME SALARY DEPARTMENT\_ID

-------------------- ------------------------- ---------- -------------

Valli Pataballa 4800 60

Diana Lorentz 4200 60

Alexander Khoo 3100 30

Shelli Baida 2900 30

Sigal Tobias 2800 30

Guy Himuro 2600 30

Karen Colmenares 2500 30

Payam Kaufling 7900 50

Shanta Vollman 6500 50

Kevin Mourgos 5800 50

Irene Mikkilineni 2700 50

FIRST\_NAME LAST\_NAME SALARY DEPARTMENT\_ID

-------------------- ------------------------- ---------- -------------

Steven Markle 2200 50

Laura Bissot 3300 50

Mozhe Atkinson 2800 50

TJ Olson 2100 50

Michael Rogers 2900 50

Ki Gee 2400 50

Hazel Philtanker 2200 50

Renske Ladwig 3600 50

Stephen Stiles 3200 50

Trenna Rajs 3500 50

Curtis Davies 3100 50

FIRST\_NAME LAST\_NAME SALARY DEPARTMENT\_ID

-------------------- ------------------------- ---------- -------------

Randall Matos 2600 50

Peter Vargas 2500 50

Karen Partners 13500 80

Nanette Cambrault 7500 80

Oliver Tuvault 7000 80

Louise Doran 7500 80

Sarath Sewall 7000 80

Mattea Marvins 7200 80

David Lee 6800 80

Sundar Ande 6400 80

Amit Banda 6200 80

FIRST\_NAME LAST\_NAME SALARY DEPARTMENT\_ID

-------------------- ------------------------- ---------- -------------

William Smith 7400 80

Elizabeth Bates 7300 80

Sundita Kumar 6100 80

Charles Johnson 6200 80

Winston Taylor 3200 50

Martha Sullivan 2500 50

Girard Geoni 2800 50

Nandita Sarchand 4200 50

Alexis Bull 4100 50

Anthony Cabrio 3000 50

Kelly Chung 3800 50

FIRST\_NAME LAST\_NAME SALARY DEPARTMENT\_ID

-------------------- ------------------------- ---------- -------------

Timothy Gates 2900 50

Randall Perkins 2500 50

Sarah Bell 4000 50

Britney Everett 3900 50

Samuel McCain 3200 50

Vance Jones 2800 50

Alana Walsh 3100 50

Kevin Feeney 3000 50

63 rows selected.

66. SQL> select distinct manager\_id from hr.employees;

MANAGER\_ID

----------

100

123

120

121

147

205

108

148

149

201

MANAGER\_ID

----------

102

101

114

124

145

146

103

122

19 rows selected.

67. SQL> select first\_name, last\_name, phone\_number from hr.employees where phone\_number like '515%';

FIRST\_NAME LAST\_NAME PHONE\_NUMBER

-------------------- ------------------------- --------------------

Jennifer Whalen 515.123.4444

Michael Hartstein 515.123.5555

Susan Mavris 515.123.7777

Hermann Baer 515.123.8888

Shelley Higgins 515.123.8080

William Gietz 515.123.8181

Steven King 515.123.4567

Neena Kochhar 515.123.4568

Lex De Haan 515.123.4569

Nancy Greenberg 515.124.4569

Daniel Faviet 515.124.4169

FIRST\_NAME LAST\_NAME PHONE\_NUMBER

-------------------- ------------------------- --------------------

John Chen 515.124.4269

Ismael Sciarra 515.124.4369

Jose Manuel Urman 515.124.4469

Luis Popp 515.124.4567

Den Raphaely 515.127.4561

Alexander Khoo 515.127.4562

Shelli Baida 515.127.4563

Sigal Tobias 515.127.4564

Guy Himuro 515.127.4565

Karen Colmenares 515.127.4566

21 rows selected.

68. SQL> select first\_name, last\_name from hr.employees where first\_name in ('Peter', 'William');

FIRST\_NAME LAST\_NAME

-------------------- -------------------------

William Gietz

Peter Hall

William Smith

Peter Tucker

Peter Vargas

69. SQL> select first\_name, last\_name, salary, department\_id from hr.employees where hire\_date < '01-JAN-03';

FIRST\_NAME LAST\_NAME SALARY DEPARTMENT\_ID

-------------------- ------------------------- ---------- -------------

Susan Mavris 6500 40

Hermann Baer 10000 70

Shelley Higgins 12008 110

William Gietz 8300 110

Lex De Haan 17000 90

Nancy Greenberg 12008 100

Daniel Faviet 9000 100

Den Raphaely 11000 30

8 rows selected.

70. SQL> select last\_name, department\_id, salary from hr.employees where department\_id = '80' and salary > 7000 and hire\_date > '31-DEC-05';

LAST\_NAME DEPARTMENT\_ID SALARY

------------------------- ------------- ----------

Cambrault 80 11000

Zlotkey 80 10500

Olsen 80 8000

Cambrault 80 7500

Greene 80 9500

Marvins 80 7200

Bloom 80 10000

Fox 80 9600

Smith 80 7400

Bates 80 7300

Taylor 80 8600

LAST\_NAME DEPARTMENT\_ID SALARY

------------------------- ------------- ----------

Livingston 80 8400

12 rows selected.

71. SQL> select last\_name, department\_id from hr.employees where department\_id = '100' order by last\_name desc;

LAST\_NAME DEPARTMENT\_ID

------------------------- -------------

Urman 100

Sciarra 100

Popp 100

Greenberg 100

Faviet 100

Chen 100

6 rows selected.

72. SQL> select last\_name "Last Name", department\_id "Department", commission\_pct "Commission" from hr.employees where department\_id = '80' and commission\_pct is not null order by last\_name desc;

Last Name Department Commission

------------------------- ---------- ----------

Zlotkey 80 .2

Vishney 80 .25

Tuvault 80 .15

Tucker 80 .3

Taylor 80 .2

Sully 80 .35

Smith 80 .3

Smith 80 .15

Sewall 80 .25

Russell 80 .4

Partners 80 .3

Last Name Department Commission

------------------------- ---------- ----------

Ozer 80 .25

Olsen 80 .2

McEwen 80 .35

Marvins 80 .1

Livingston 80 .2

Lee 80 .1

Kumar 80 .1

King 80 .35

Johnson 80 .1

Hutton 80 .25

Hall 80 .25

Last Name Department Commission

------------------------- ---------- ----------

Greene 80 .15

Fox 80 .2

Errazuriz 80 .3

Doran 80 .3

Cambrault 80 .3

Cambrault 80 .2

Bloom 80 .2

Bernstein 80 .25

Bates 80 .15

Banda 80 .1

Ande 80 .1

Last Name Department Commission

------------------------- ---------- ----------

Abel 80 .3

34 rows selected.

73. SQL> select last\_name "Last Name", salary "Salary", department\_id "Department" from hr.employees where salary > '1000' and department\_id in (20, 30);

Last Name Salary Department

------------------------- ---------- ----------

Hartstein 13000 20

Fay 6000 20

Raphaely 11000 30

Khoo 3100 30

Baida 2900 30

Tobias 2800 30

Himuro 2600 30

Colmenares 2500 30

8 rows selected.

74. SQL> select last\_name, salary, department\_id from hr.employees where commission\_pct is null and department\_id in (80, 50, 30) and salary >= 2000;

LAST\_NAME SALARY DEPARTMENT\_ID

------------------------- ---------- -------------

OConnell 2600 50

Grant 2600 50

Raphaely 11000 30

Khoo 3100 30

Baida 2900 30

Tobias 2800 30

Himuro 2600 30

Colmenares 2500 30

Weiss 8000 50

Fripp 8200 50

Kaufling 7900 50

LAST\_NAME SALARY DEPARTMENT\_ID

------------------------- ---------- -------------

Vollman 6500 50

Mourgos 5800 50

Nayer 3200 50

Mikkilineni 2700 50

Landry 2400 50

Markle 2200 50

Bissot 3300 50

Atkinson 2800 50

Marlow 2500 50

Olson 2100 50

Mallin 3300 50

LAST\_NAME SALARY DEPARTMENT\_ID

------------------------- ---------- -------------

Rogers 2900 50

Gee 2400 50

Philtanker 2200 50

Ladwig 3600 50

Stiles 3200 50

Seo 2700 50

Patel 2500 50

Rajs 3500 50

Davies 3100 50

Matos 2600 50

Vargas 2500 50

LAST\_NAME SALARY DEPARTMENT\_ID

------------------------- ---------- -------------

Taylor 3200 50

Fleaur 3100 50

Sullivan 2500 50

Geoni 2800 50

Sarchand 4200 50

Bull 4100 50

Dellinger 3400 50

Cabrio 3000 50

Chung 3800 50

Dilly 3600 50

Gates 2900 50

LAST\_NAME SALARY DEPARTMENT\_ID

------------------------- ---------- -------------

Perkins 2500 50

Bell 4000 50

Everett 3900 50

McCain 3200 50

Jones 2800 50

Walsh 3100 50

Feeney 3000 50

51 rows selected.

75. SQL> select last\_name "Last Name", job\_id "Job" from hr.employees where last\_name like 'A%' and job\_id = 'SA\_REP';

Last Name Job

------------------------- ----------

Abel SA\_REP

Ande SA\_REP