

```
SQL> select * from departments;
PRESS RETURN TO CONTINUE
```

DEPARTMENT_ID	DEPARTMENT_NAME	MANAGER_ID	LOCATION_ID
10	Administration	200	1700
20	Marketing	201	1800
30	Purchasing	114	1700
40	Human Resources	203	2400
50	Shipping	121	1500
60	IT	103	1400
70	Public Relations	204	2700
80	Sales	145	2500
90	Executive	100	1700
100	Finance	108	1700
110	Accounting	205	1700
120	Treasury		1700
130	Corporate Tax		1700
140	Control And Credit		1700
150	Shareholder Services		1700
160	Benefits		1700
170	Manufacturing		1700
180	Construction		1700
190	Contracting		1700
200	Operations		1700
210	IT Support		1700
220	NOC		1700
230	IT Helpdesk		1700
240	Government Sales		1700
250	Retail Sales		1700
260	Recruiting		1700
270	Payroll		1700

27 rows selected.

```
SQL> select count(*) from employees;
PRESS RETURN TO CONTINUE
```

```
COUNT(*)
-----
107
```

```
SQL> select * from employees where salary > 15000;
PRESS RETURN TO CONTINUE
```

EMPLOYEE_ID	FIRST_NAME	LAST_NAME	EMAIL
PHONE_NUMBER	HIRE_DATE	JOB_ID	
515.123.4567	17-JUN-03	AD_PRES	SKING
24000		90	
515.123.4568	21-SEP-05	AD_VP	NKOCHHAR
17000		100	90
515.123.4569	13-JAN-01	AD_VP	LDEHAAN
17000		100	90

```
SQL> select * from employees where hire_date >= '01-jan-02' and hire_date <= '01-jan-05';
```

```
PRESS RETURN TO CONTINUE
```

EMPLOYEE_ID	FIRST_NAME	LAST_NAME	EMAIL	PHONE_NUMBER	HIRE_DATE	JOB_ID
200	Jennifer	Whalen	JWHALEN	515.123.4444	17-SEP-03	AD_ASST
4400		101				10
201	Michael	Hartstein	MHARTSTE	515.123.5555	17-FEB-04	MK_MAN
13000		100				20
203	Susan	Mavris	SMAVRIS	515.123.7777	07-JUN-02	HR_REP
6500		101				40
204	Hermann	Baer	HBAER	515.123.8888	07-JUN-02	PR_REP
10000		101				70
205	Shelley	Higgins	SHIGGINS	515.123.8080	07-JUN-02	AC_MGR
12008		101				110
206	William	Gietz	WGIETZ	515.123.8181	07-JUN-02	AC_ACCOUNT
8300		205				110
100	Steven	King	SKING	515.123.4567	17-JUN-03	AD_PRES
24000						90
108	Nancy	Greenberg	NGREENBE	515.124.4569	17-AUG-02	FI_MGR
12008		101				100
109	Daniel	Faviet	DFAVIET	515.124.4169	16-AUG-02	FI_ACCOUNT

```
PRESS RETURN TO CONTINUE
```

EMPLOYEE_ID	FIRST_NAME	LAST_NAME	EMAIL	PHONE_NUMBER	HIRE_DATE	JOB_ID
9000		108				100
114	Den	Raphaely	DRAPHEAL	515.127.4561	07-DEC-02	PU_MAN
11000		100				30
115	Alexander	Khoo	AKHOO	515.127.4562	18-MAY-03	PU_CLERK
3100		114				30

120	Matthew	Weiss	MWEISS
650.123.1234	18-JUL-04	ST_MAN	
8000		100	50
122	Payam	Kaufling	PKAUFLIN
650.123.3234	01-MAY-03	ST_MAN	
7900		100	50
133	Jason	Mallin	JMALLIN
650.127.1934	14-JUN-04	ST_CLERK	
3300		122	50
137	Renske	Ladwig	RLADWIG
650.121.1234	14-JUL-03	ST_CLERK	
3600		123	50
141	Trenna	Rajs	TRAJS
650.121.8009	17-OCT-03	ST_CLERK	
3500		124	50
145	John	Russell	JRUSSEL
011.44.1344.429268	01-OCT-04	SA_MAN	
14000	.4	100	80
PRESS RETURN TO CONTINUE			
EMPLOYEE_ID	FIRST_NAME	LAST_NAME	EMAIL
PHONE_NUMBER	HIRE_DATE	JOB_ID	

SALARY	COMMISSION_PCT	MANAGER_ID	DEPARTMENT_ID

156	Janette	King	JKING
011.44.1345.429268	30-JAN-04	SA_REP	
10000	.35	146	80
157	Patrick	Sully	PSULLY
011.44.1345.929268	04-MAR-04	SA_REP	
9500	.35	146	80
158	Allan	McEwen	AMCEWEN
011.44.1345.829268	01-AUG-04	SA_REP	
9000	.35	146	80
174	Ellen	Abel	EABEL
011.44.1644.429267	11-MAY-04	SA_REP	
11000	.3	149	80
184	Nandita	Sarchand	NSARCHAN
650.509.1876	27-JAN-04	SH_CLERK	
4200		121	50
192	Sarah	Bell	SBELL
650.501.1876	04-FEB-04	SH_CLERK	
4000		123	50

23 rows selected.

SQL> select * from employees where phone_number not like '515.%';

PRESS RETURN TO CONTINUE

EMPLOYEE_ID	FIRST_NAME	LAST_NAME	EMAIL
PHONE_NUMBER	HIRE_DATE	JOB_ID	

SALARY	COMMISSION_PCT	MANAGER_ID	DEPARTMENT_ID

198	Donald	OConnell	DOCONNEL
650.507.9833	21-JUN-07	SH_CLERK	
2600		124	50
199	Douglas	Grant	DGRANT
650.507.9844	13-JAN-08	SH_CLERK	
2600		124	50
202	Pat	Fay	PFAY
603.123.6666	17-AUG-05	MK_REP	
6000		201	20
103	Alexander	Hunold	AHUNOLD
590.423.4567	03-JAN-06	IT_PROG	
9000		102	60
104	Bruce	Ernst	BERNST
590.423.4568	21-MAY-07	IT_PROG	
6000		103	60
105	David	Austin	DAUSTIN
590.423.4569	25-JUN-05	IT_PROG	
4800		103	60
106	Valli	Pataballa	VPATABAL
590.423.4560	05-FEB-06	IT_PROG	
4800		103	60
107	Diana	Lorentz	DLORENTZ
590.423.5567	07-FEB-07	IT_PROG	
4200		103	60
120	Matthew	Weiss	MWEISS
650.123.1234	18-JUL-04	ST_MAN	
PRESS RETURN TO CONTINUE			
EMPLOYEE_ID	FIRST_NAME	LAST_NAME	EMAIL
PHONE_NUMBER	HIRE_DATE	JOB_ID	

SALARY	COMMISSION_PCT	MANAGER_ID	DEPARTMENT_ID

8000		100	50
121	Adam	Fripp	AFRIPP
650.123.2234	10-APR-05	ST_MAN	
8200		100	50
122	Payam	Kaufling	PKAUFLIN
650.123.3234	01-MAY-03	ST_MAN	
7900		100	50
123	Shanta	Vollman	SVOLLMAN
650.123.4234	10-OCT-05	ST_MAN	

6500		100	50	
124 Kevin		Mourgos		KMOURGOS
650.123.5234	16-NOV-07	ST_MAN		
5800		100	50	
125 Julia		Nayer		JNAYER
650.124.1214	16-JUL-05	ST_CLERK		
3200		120	50	
126 Irene		Mikkilineni		IMIKKILI
650.124.1224	28-SEP-06	ST_CLERK		
2700		120	50	
127 James		Landry		JLANDRY
650.124.1334	14-JAN-07	ST_CLERK		
2400		120	50	
128 Steven		Markle		SMARKLE
650.124.1434	08-MAR-08	ST_CLERK		
2200		120	50	
PRESS RETURN TO CONTINUE				
EMPLOYEE_ID	FIRST_NAME	LAST_NAME		EMAIL
PHONE_NUMBER	HIRE_DATE	JOB_ID		
-----	-----	-----	-----	-----
-----	-----	-----	-----	-----
SALARY	COMMISSION_PCT	MANAGER_ID	DEPARTMENT_ID	
-----	-----	-----	-----	-----
129 Laura		Bissot		LBISSOT
650.124.5234	20-AUG-05	ST_CLERK		
3300		121	50	
130 Mozhe		Atkinson		MATKINSO
650.124.6234	30-OCT-05	ST_CLERK		
2800		121	50	
131 James		Marlow		JAMRLOW
650.124.7234	16-FEB-05	ST_CLERK		
2500		121	50	
132 TJ		Olson		TJOLSON
650.124.8234	10-APR-07	ST_CLERK		
2100		121	50	
133 Jason		Mallin		JMALLIN
650.127.1934	14-JUN-04	ST_CLERK		
3300		122	50	
134 Michael		Rogers		MROGERS
650.127.1834	26-AUG-06	ST_CLERK		
2900		122	50	
135 Ki		Gee		KGEE
650.127.1734	12-DEC-07	ST_CLERK		
2400		122	50	
136 Hazel		Philtanker		HPHILTAN
650.127.1634	06-FEB-08	ST_CLERK		
2200		122	50	

PRESS RETURN TO CONTINUE

EMPLOYEE_ID	FIRST_NAME	LAST_NAME	EMAIL
PHONE_NUMBER	HIRE_DATE	JOB_ID	

SALARY	COMMISSION_PCT	MANAGER_ID	DEPARTMENT_ID
--------	----------------	------------	---------------

137	Renske	Ladwig	RLADWIG
650.121.1234	14-JUL-03	ST_CLERK	
3600		123	50
138	Stephen	Stiles	SSTILES
650.121.2034	26-OCT-05	ST_CLERK	
3200		123	50
139	John	Seo	JSEO
650.121.2019	12-FEB-06	ST_CLERK	
2700		123	50
140	Joshua	Patel	JPATEL
650.121.1834	06-APR-06	ST_CLERK	
2500		123	50
141	Trenna	Rajs	TRAJS
650.121.8009	17-OCT-03	ST_CLERK	
3500		124	50
142	Curtis	Davies	CDAVIES
650.121.2994	29-JAN-05	ST_CLERK	
3100		124	50
143	Randall	Matos	RMATOS
650.121.2874	15-MAR-06	ST_CLERK	
2600		124	50
144	Peter	Vargas	PVARGAS
650.121.2004	09-JUL-06	ST_CLERK	
2500		124	50

145	John	Russell	JRUSSEL
011.44.1344.429268	01-OCT-04	SA_MAN	

PRESS RETURN TO CONTINUE

EMPLOYEE_ID	FIRST_NAME	LAST_NAME	EMAIL
PHONE_NUMBER	HIRE_DATE	JOB_ID	

SALARY	COMMISSION_PCT	MANAGER_ID	DEPARTMENT_ID
--------	----------------	------------	---------------

14000	.4	100	80
146	Karen	Partners	KPARTNER
011.44.1344.467268	05-JAN-05	SA_MAN	
13500	.3	100	80
147	Alberto	Errazuriz	AERRAZUR
011.44.1344.429278	10-MAR-05	SA_MAN	
12000	.3	100	80

148	Gerald	Cambrault	GCAMBRAU
011.44.1344.619268	15-OCT-07	SA_MAN	
11000	.3	100	80
149	Eleni	Zlotkey	EZLOTKEY
011.44.1344.429018	29-JAN-08	SA_MAN	
10500	.2	100	80
150	Peter	Tucker	PTUCKER
011.44.1344.129268	30-JAN-05	SA_REP	
10000	.3	145	80
151	David	Bernstein	DBERNSTE
011.44.1344.345268	24-MAR-05	SA_REP	
9500	.25	145	80
152	Peter	Hall	PHALL
011.44.1344.478968	20-AUG-05	SA_REP	
9000	.25	145	80
153	Christopher	Olsen	COLSEN
011.44.1344.498718	30-MAR-06	SA_REP	
8000	.2	145	80
PRESS RETURN TO CONTINUE			
EMPLOYEE_ID	FIRST_NAME	LAST_NAME	EMAIL
PHONE_NUMBER	HIRE_DATE	JOB_ID	

SALARY	COMMISSION_PCT	MANAGER_ID	DEPARTMENT_ID

154	Nanette	Cambrault	NCAMBRAU
011.44.1344.987668	09-DEC-06	SA_REP	
7500	.2	145	80
155	Oliver	Tuvault	OTUVAULT
011.44.1344.486508	23-NOV-07	SA_REP	
7000	.15	145	80
156	Janette	King	JKING
011.44.1345.429268	30-JAN-04	SA_REP	
10000	.35	146	80
157	Patrick	Sully	PSULLY
011.44.1345.929268	04-MAR-04	SA_REP	
9500	.35	146	80
158	Allan	McEwen	AMCEWEN
011.44.1345.829268	01-AUG-04	SA_REP	
9000	.35	146	80
159	Lindsey	Smith	LSMITH
011.44.1345.729268	10-MAR-05	SA_REP	
8000	.3	146	80
160	Louise	Doran	LDORAN
011.44.1345.629268	15-DEC-05	SA_REP	
7500	.3	146	80

161 Sarath	Sewall	SSEWALL
011.44.1345.529268	03-NOV-06 SA_REP	
7000	.25 146	80

PRESS RETURN TO CONTINUE

EMPLOYEE_ID	FIRST_NAME	LAST_NAME	EMAIL
PHONE_NUMBER	HIRE_DATE	JOB_ID	

SALARY	COMMISSION_PCT	MANAGER_ID	DEPARTMENT_ID
--------	----------------	------------	---------------

162 Clara	Vishney	CVISHNEY
011.44.1346.129268	11-NOV-05 SA_REP	
10500	.25 147	80

163 Danielle	Greene	DGREENE
011.44.1346.229268	19-MAR-07 SA_REP	
9500	.15 147	80

164 Mattea	Marvins	MMARVINS
011.44.1346.329268	24-JAN-08 SA_REP	
7200	.1 147	80

165 David	Lee	DLEE
011.44.1346.529268	23-FEB-08 SA_REP	
6800	.1 147	80

166 Sundar	Ande	SANDE
011.44.1346.629268	24-MAR-08 SA_REP	
6400	.1 147	80

167 Amit	Banda	ABANDA
011.44.1346.729268	21-APR-08 SA_REP	
6200	.1 147	80

168 Lisa	Ozer	LOZER
011.44.1343.929268	11-MAR-05 SA_REP	
11500	.25 148	80

169 Harrison	Bloom	HBLOOM
011.44.1343.829268	23-MAR-06 SA_REP	
10000	.2 148	80

170 Tayler	Fox	TFOX
011.44.1343.729268	24-JAN-06 SA_REP	

PRESS RETURN TO CONTINUE

EMPLOYEE_ID	FIRST_NAME	LAST_NAME	EMAIL
PHONE_NUMBER	HIRE_DATE	JOB_ID	

SALARY	COMMISSION_PCT	MANAGER_ID	DEPARTMENT_ID
--------	----------------	------------	---------------

9600	.2	148	80
------	----	-----	----

171 William	Smith	WSMITH
011.44.1343.629268	23-FEB-07 SA_REP	
7400	.15 148	80

172 Elizabeth	Bates	EBATES
011.44.1343.529268	24-MAR-07 SA_REP	

7300	.15	148	80	
173 Sundita		Kumar		SKUMAR
011.44.1343.329268	21-APR-08	SA_REP		
6100	.1	148	80	
174 Ellen		Abel		EABEL
011.44.1644.429267	11-MAY-04	SA_REP		
11000	.3	149	80	
175 Alyssa		Hutton		AHUTTON
011.44.1644.429266	19-MAR-05	SA_REP		
8800	.25	149	80	
176 Jonathon		Taylor		JTAYLOR
011.44.1644.429265	24-MAR-06	SA_REP		
8600	.2	149	80	
177 Jack		Livingston		JLIVINGS
011.44.1644.429264	23-APR-06	SA_REP		
8400	.2	149	80	
178 Kimberely		Grant		KGRANT
011.44.1644.429263	24-MAY-07	SA_REP		
7000	.15	149		
PRESS RETURN TO CONTINUE				
EMPLOYEE_ID	FIRST_NAME	LAST_NAME		EMAIL
PHONE_NUMBER	HIRE_DATE	JOB_ID		
-----	-----	-----	-----	-----
-----	-----	-----	-----	-----
SALARY	COMMISSION_PCT	MANAGER_ID	DEPARTMENT_ID	
-----	-----	-----	-----	-----
179 Charles		Johnson		CJOHNSON
011.44.1644.429262	04-JAN-08	SA_REP		
6200	.1	149	80	
180 Winston		Taylor		WTAYLOR
650.507.9876	24-JAN-06	SH_CLERK		
3200		120	50	
181 Jean		Fleaur		JFLEAUR
650.507.9877	23-FEB-06	SH_CLERK		
3100		120	50	
182 Martha		Sullivan		MSULLIVA
650.507.9878	21-JUN-07	SH_CLERK		
2500		120	50	
183 Girard		Geoni		GGEONI
650.507.9879	03-FEB-08	SH_CLERK		
2800		120	50	
184 Nandita		Sarchand		NSARCHAN
650.509.1876	27-JAN-04	SH_CLERK		
4200		121	50	
185 Alexis		Bull		ABULL
650.509.2876	20-FEB-05	SH_CLERK		
4100		121	50	

186 Julia	Dellinger	JDELLING
650.509.3876	24-JUN-06 SH_CLERK	
3400	121	50

PRESS RETURN TO CONTINUE

EMPLOYEE_ID	FIRST_NAME	LAST_NAME	EMAIL
PHONE_NUMBER	HIRE_DATE	JOB_ID	

SALARY	COMMISSION_PCT	MANAGER_ID	DEPARTMENT_ID
--------	----------------	------------	---------------

187 Anthony	Cabrio	ACABRIO
650.509.4876	07-FEB-07 SH_CLERK	
3000	121	50

188 Kelly	Chung	KCHUNG
650.505.1876	14-JUN-05 SH_CLERK	
3800	122	50

189 Jennifer	Dilly	JDILLY
650.505.2876	13-AUG-05 SH_CLERK	
3600	122	50

190 Timothy	Gates	TGATES
650.505.3876	11-JUL-06 SH_CLERK	
2900	122	50

191 Randall	Perkins	RPERKINS
650.505.4876	19-DEC-07 SH_CLERK	
2500	122	50

192 Sarah	Bell	SBELL
650.501.1876	04-FEB-04 SH_CLERK	
4000	123	50

193 Britney	Everett	BEVERETT
650.501.2876	03-MAR-05 SH_CLERK	
3900	123	50

194 Samuel	McCain	SMCCAIN
650.501.3876	01-JUL-06 SH_CLERK	
3200	123	50

195 Vance	Jones	VJONES
650.501.4876	17-MAR-07 SH_CLERK	

PRESS RETURN TO CONTINUE

EMPLOYEE_ID	FIRST_NAME	LAST_NAME	EMAIL
PHONE_NUMBER	HIRE_DATE	JOB_ID	

SALARY	COMMISSION_PCT	MANAGER_ID	DEPARTMENT_ID
--------	----------------	------------	---------------

2800	123	50
------	-----	----

196 Alana	Walsh	AWALSH
650.507.9811	24-APR-06 SH_CLERK	
3100	124	50

197 Kevin	Feeney	KFEENEY
650.507.9822	23-MAY-06 SH_CLERK	
3000	124	50

86 rows selected.

SQL> select * from employees where department_id=100;

PRESS RETURN TO CONTINUE

EMPLOYEE_ID	FIRST_NAME	LAST_NAME	EMAIL
PHONE_NUMBER	HIRE_DATE	JOB_ID	

SALARY COMMISSION_PCT MANAGER_ID DEPARTMENT_ID			

108 Nancy	Greenberg	NGREENBE	
515.124.4569	17-AUG-02 FI_MGR		
12008	101	100	
109 Daniel	Faviet	DFAVIET	
515.124.4169	16-AUG-02 FI_ACCOUNT		
9000	108	100	
110 John	Chen	JCHEN	
515.124.4269	28-SEP-05 FI_ACCOUNT		
8200	108	100	
111 Ismael	Sciarra	ISCIARRA	
515.124.4369	30-SEP-05 FI_ACCOUNT		
7700	108	100	
112 Jose Manuel	Urman	JMURMAN	
515.124.4469	07-MAR-06 FI_ACCOUNT		
7800	108	100	
113 Luis	Popp	LPOPP	
515.124.4567	07-DEC-07 FI_ACCOUNT		
6900	108	100	

6 rows selected.

SQL> select E.first_name || ' ' || E.last_name from employees E join departments D on E.department_ID = D.department_id where department_name = 'Finance' order by e.first_name, e.last_name;

PRESS RETURN TO CONTINUE

E.FIRST_NAME||' '||E.LAST_NAME

Daniel Faviet
Ismael Sciarra
John Chen
Jose Manuel Urman
Luis Popp
Nancy Greenberg

6 rows selected.

SQL> select l.city, l.state_province, c.country_name from locations l join countries c on l.country_id=c.country_id join regions r on c.region_id = r.region_id where region_name = 'Asia';

PRESS RETURN TO CONTINUE

CITY	STATE_PROVINCE	COUNTRY_NAME
------	----------------	--------------

Tokyo	Tokyo Prefecture	Japan
Hiroshima		Japan
Beijing		China
Bombay	Maharashtra	India
Sydney	New South Wales	Australia
Singapore		Singapore

6 rows selected.

SQL> select * from locations where state_province is null;

PRESS RETURN TO CONTINUE

LOCATION_ID	STREET_ADDRESS	POSTAL_CODE	CITY
-------------	----------------	-------------	------

STATE_PROVINCE	CO
----------------	----

IT	1000 1297 Via Cola di Rie	00989	Roma
IT	1100 93091 Calle della Testa	10934	Venice
JP	1300 9450 Kamiya-cho	6823	Hiroshima
CN	2000 40-5-12 Laogianggen	190518	Beijing
SG	2300 198 Clementi North	540198	Singapore
UK	2400 8204 Arthur St		London

6 rows selected.

SQL> exit