1. Write a query to get unique department ID from employee table.

mysql> SELECT DISTINCT DEPARTMENT_ID FROM employees;

+	+	
DEF	PARTMENT_	_ID
+	+	
1	0	
	10	
	20	
1	30	
1	40	
	50	
	60	
	70	
	80	
1	90	
1	100	
	110	
+	+	

2. Write a query to get all employee details from the employee table order by first name, descending.

mysql> SELECT * FROM employees ORDER BY FIRST_NAME DESC;

EMPLOYEE_ID FIRST_NAME LAST_NA MANAGER_ID DEPARTMENT_ID	+ ME EMAIL PHONE_NUMBER	HIRE_DATE	SALARY COM	MMISSION_PCT
+++++++++		+ GH CLERK 3200.00	0.00 120	50
	011.44.1343.629268 1987-08-27	_ '	0.15 148	80
		ACCOUNT 8300.00	0.00 205	110
		H CLERK 2800.00	0.00 123	50
	590.423.4560 1987-06-23 IT		0.00 103	60
		- ' '	0.00 124	50
			0.00 121	50
		H CLERK 2900.00	0.00 122	50
	11.44.1343.729268 1987-08-26 SA		0.20 148	80
	515.123.7777 1987-09-28 H		0.00 101	40
· · · · · · · · · · · · · · · · · · ·	011.44.1343.329268 1987-08-29		0.10 148	80
166 Sundar Ande SANDE	011.44.1346.629268 1987-08-22	SA REP 6400.00	0.10 147	80
100 Steven King SKING	515.123.4567 1987-06-17 AD	PRES 24000.00	0.00 0	90
128 Steven Markle SMARKLI	E 650.124.1434 1987-07-15 3	ST CLERK 2200.00	0.00 120	50
138 Stephen Stiles SSTILES	650.121.2034 1987-07-25 S7		0.00 123	50
117 Sigal Tobias STOBIAS	515.127.4564 1987-07-04 PU		0.00 114	30
116 Shelli Baida SBAIDA	515.127.4563 1987-07-03 PU_	CLERK 2900.00 0	0.00 114	30
	S 515.123.8080 1987-09-30 A	C MGR 12000.00	0.00 101	110
123 Shanta Vollman SVOLLM	AN 650.123.4234 1987-07-10	ST_MAN 6500.00	0.00 100	50
161 Sarath Sewall SSEWALL	. 011.44.1345.529268 1987-08-17	SA_REP 7000.00	0.25 146	80
192 Sarah Bell SBELL 6	50.501.1876 1987-09-17 SH_0	CLERK 4000.00 0.	00 123	50
194 Samuel McCain SMCCA	IN 650.501.3876 1987-09-19	SH_CLERK 3200.00	0.00 123	50
137 Renske Ladwig RLADWI	G 650.121.1234 1987-07-24	ST_CLERK 3600.00	0.00 123	50
143 Randall Matos RMATOS	650.121.2874 1987-07-30 S	T_CLERK 2600.00	0.00 124	50
191 Randall Perkins RPERKIN	IS 650.505.4876 1987-09-16	SH_CLERK 2500.00	0.00 122	50
144 Peter Vargas PVARGAS	650.121.2004 1987-07-31 S	T_CLERK 2500.00	0.00 124	50
150 Peter Tucker PTUCKER	011.44.1344.129268 1987-08-06	SA_REP 10000.00	0.30 145	80
152 Peter Hall PHALL 0	11.44.1344.478968 1987-08-08 SA	_REP 9000.00 0).25 145	80
122 Payam Kaufling PKAUFL	IN 650.123.3234 1987-07-09	ST_MAN 7900.00	0.00 100	50
157 Patrick Sully PSULLY	011.44.1345.929268 1987-08-13 S	A_REP 9500.00	0.35 146	80
202 Pat Fay PFAY 60	3.123.6666 1987-09-27 MK_Ri	EP 6000.00 0.00	201 20	0
155 Oliver Tuvault OTUVAUL	T 011.44.1344.486508 1987-08-11	SA_REP 7000.00	0.15 145	80
101 Neena Kochhar NKOCH	HAR 515.123.4568 1987-06-18	AD_VP 17000.00	0.00 100	90
154 Nanette Cambrault NCAME	BRAU 011.44.1344.987668 1987-0	3-10 SA_REP 7500.00	0.20 14	45
184 Nandita Sarchand NSARC	HAN 650.509.1876 1987-09-09	SH_CLERK 4200.00	0.00 121	50
108 Nancy Greenberg NGREE	ENBE 515.124.4569 1987-06-2	5 FI_MGR 12000.00	0.00 101	100
130 Mozhe Atkinson MATKIN	SO 650.124.6234 1987-07-17	ST CLERK 2800.00	0.00 121	50

```
| MROGERS | 650.127.1834
                                                       | 1987-07-21 | ST CLERK | 2900.00 |
                                                                                                  0.00 |
                                                                                                                        50 |
134 | Michael
              | Rogers
                                                                                                            122
              | Hartstein | MHARTSTE | 515.123.5555
                                                       | 1987-09-26 | MK MAN | 13000.00 |
                                                                                                  0.001
                                                                                                            100
                                                                                                                       201
201 | Michael
                         | MWEISS | 650.123.1234
                                                      | 1987-07-07 | ST_MAN | 8000.00 |
120 | Matthew
               | Weiss
                                                                                                0.00 |
                                                                                                          100 |
                                                                                                                     50 |
                         | MMARVINS | 011.44.1346.329268 | 1987-08-20 | SA REP | 7200.00 |
164 | Mattea
              | Marvins
                                                                                                   0 10 1
                                                                                                             147
                                                                                                                        80
182 | Martha
              | Sullivan | MSULLIVA | 650.507.9878
                                                     | 1987-09-07 | SH CLERK | 2500.00 |
                                                                                                 0.00
                                                                                                          120 |
                                                                                                                      50 |
113 | Luis
             | Popp
                      | LPOPP | 515.124.4567 | 1987-06-30 | FI_ACCOUNT | 6900.00 |
                                                                                               0.001
                                                                                                         108 I
                                                                                                                   100 l
                        | LDORAN | 011.44.1345.629268 | 1987-08-16 | SA REP | 7500.00 |
160 | Louise
              | Doran
                                                                                                 0.30 |
                                                                                                                      80 I
                      | LOZER | 011.44.1343.929268 | 1987-08-24 | SA REP | 11500.00 |
168 | Lisa
             1 Ozer
                                                                                               0 25 1
                                                                                                         1481
                                                                                                                    80 I
                        | LSMITH | 011.44.1345.729268 | 1987-08-15 | SA_REP | 8000.00 |
159 | Lindsey
              | Smith
                                                                                                0.30 |
                                                                                                          146 |
                                                                                                                      801
                                                     | 1987-06-19 | AD VP | 17000.00 |
             l De Haan
                         LLDEHAAN | 515 123 4569
102 | Lex
                                                                                               0.001
                                                                                                         100 |
                                                                                                                    901
129 | Laura
             | Bissot | LBISSOT | 650.124.5234 | 1987-07-16 | ST CLERK | 3300.00 |
                                                                                               0.00|
                                                                                                         121 I
                                                                                                                    50 I
178 | Kimberely | Grant | KGRANT | 011.44.1644.429263 | 1987-09-03 | SA_REP | 7000.00 |
                                                                                                            149 |
                                                                                                  0.15
                                                                                                                        0
                    | KGEE | 650.127.1734 | 1987-07-22 | ST_CLERK | 2400.00 |
                                                                                                     122 |
                                                                                                                 50 I
             | Mourgos | KMOURGOS | 650.123.5234
124 | Kevin
                                                        | 1987-07-11 | ST_MAN | 5800.00 |
                                                                                                  0.001
                                                                                                            100 |
                                                                                                                       50 I
                        | KFEENEY | 650.507.9822
                                                     | 1987-09-22 | SH_CLERK | 3000.00 |
197 | Kevin
                                                                                                 0.00
                                                                                                           124 |
                                                                                                                      50 |
                                                    | 1987-09-13 | SH CLERK | 3800.00 |
                       | KCHUNG | 650.505.1876
188 | Kellv
             l Chuna
                                                                                                0.001
                                                                                                          122 |
                                                                                                                     50 I
119 | Karen
              | Colmenares | KCOLMENA | 515.127.4566
                                                         | 1987-07-06 | PU CLERK | 2500.00 |
                                                                                                    0.00 |
                                                                                                              114 |
                                                                                                                         30 |
              | Partners | KPARTNER | 011.44.1344.467268 | 1987-08-02 | SA_MAN | 13500.00 |
146 | Karen
                                                                                                    0.301
                                                                                                              100
                                                                                                                         801
                      | JNAYER | 650.124.1214
125 | Julia
             1 Naver
                                                  | 1987-07-12 | ST_CLERK | 3200.00 |
                                                                                              0.001
                                                                                                        1201
                                                                                                                   50|
             | Dellinger | JDELLING | 650.509.3876
                                                   | 1987-09-11 | SH_CLERK | 3400.00 |
186 | Julia
                                                                                               0.001
                                                                                                         121 |
                                                                                                                    50 I
                       | JPATEL | 650.121.1834
140 | Joshua
             | Patel
                                                   | 1987-07-27 | ST_CLERK | 2500.00 |
                                                                                              0.00 |
                                                                                                        123 |
                                                                                                                   50 I
112 | Jose Manuel | Urman
                            | JMURMAN | 515.124.4469
                                                         | 1987-06-29 | FI_ACCOUNT | 7800.00 |
                                                                                                     0.00 |
                                                                                                               108 I
                                                                                                                          100 I
                        | JTAYLOR | 011.44.1644.429265 | 1987-09-01 | SA_REP | 8600.00 |
176 | Jonathon
              | Taylor
                                                                                                  0.20 |
                                                                                                            149 |
                                                                                                                       80 I
                                                  | 1987-06-27 | FI_ACCOUNT | 8200.00 |
                        | JCHEN | 515.124.4269
110 | John
             1 Chen
                                                                                                0.00 |
                                                                                                         108 I
                                                                                                                    100 I
                                                  | 1987-07-26 | ST_CLERK | 2700.00 |
139 | John
                       | JSEO | 650.121.2019
                                                                                             0.001
                                                                                                      123 I
                       | JRUSSEL | 011.44.1344.429268 | 1987-08-01 | SA_MAN | 14000.00 |
145 | John
             | Russell
                                                                                                  0.40 |
                                                                                                            100 I
                                                                                                                       801
                      | JDILLY | 650.505.2876 | 1987-09-14 | SH_CLERK | 3600.00 |
189 | Jennifer
              1 Dilly
                                                                                             0.001
                                                                                                      122 I
                                                                                                                  50 |
                                                      | 1987-09-25 | AD_ASST | 4400.00 |
                                                                                                          1011
                                                                                                                      10
200 | Jennifer
              l Whalen
                        | JWHALEN | 515.123.4444
                                                                                                 0.001
181 | Jean
             l Fleaur
                       | JFLEAUR | 650.507.9877
                                                    | 1987-09-06 | SH_CLERK | 3100.00 |
                                                                                               0.00 |
                                                                                                         120 |
                                                                                                                    50 |
              | Mallin
                        | JMALLIN | 650.127.1934
                                                    | 1987-07-20 | ST_CLERK | 3300.00 |
                                                                                                                    50 I
133 | Jason
                                                                                              0.001
                                                                                                         122 I
                        | JKING | 011.44.1345.429268 | 1987-08-12 | SA REP
156 | Janette
              | King
                                                                             | 10000.00 |
                                                                                               0.351
                                                                                                         146 |
                                                                                                                    80 I
                         | JLANDRY | 650.124.1334
                                                     | 1987-07-14 | ST_CLERK | 2400.00 |
127 | James
               | Landry
                                                                                                 0.00 |
                                                                                                          120 |
                                                                                                                      50 |
                         | JAMRLOW | 650.124.7234
131 | James
              | Marlow
                                                       | 1987-07-18 | ST_CLERK | 2500.00 |
                                                                                                  0.001
                                                                                                            121 |
                                                                                                                       50 I
             | Livingston | JLIVINGS | 011.44.1644.429264 | 1987-09-02 | SA_REP | 8400.00 |
177 | Jack
                                                                                                 0.201
                                                                                                           1491
                                                                                                                      80 I
111 | Ismael
             | Sciarra | ISCIARRA | 515.124.4369
                                                    | 1987-06-28 | FI_ACCOUNT | 7700.00 |
                                                                                                 0.00 |
                                                                                                           108 |
                                                                                                                      100 |
126 | Irene
             | Mikkilineni | IMIKKILI | 650.124.1224
                                                  | 1987-07-13 | ST_CLERK | 2700.00 |
                                                                                              0.001
                                                                                                       120 I
                                                                                                                   50 I
                         | HBAER | 515.123.8888
                                                    | 1987-09-29 | PR REP | 10000.00
204 | Hermann | Baer
                                                                                                0.00|
                                                                                                         1011
                                                                                                                     70 I
136 | Hazel
             | Philtanker | HPHILTAN | 650.127.1634
                                                      | 1987-07-23 | ST_CLERK | 2200.00 |
                                                                                                 0.00 |
                                                                                                          122
                                                                                                                      50 |
169 | Harrison
              l Bloom
                         | HBLOOM | 011.44.1343.829268 | 1987-08-25 | SA REP
                                                                                 | 10000.00 |
                                                                                                   0.20 |
                                                                                                                        80|
                                                                                                             148 |
             | Himuro
                                                     | 1987-07-05 | PU_CLERK | 2600.00 |
118 | Guv
                        | GHIMURO | 515.127.4565
                                                                                                 0.001
                                                                                                          114 |
                                                                                                                      30 I
183 | Girard
                       | GGEONI | 650.507.9879
                                                    | 1987-09-08 | SH_CLERK | 2800.00 |
                                                                                                0.00 |
                                                                                                         120 |
                                                                                                                     50 |
             l Geoni
              | Cambrault | GCAMBRAU | 011.44.1344.619268 | 1987-08-04 | SA_MAN | 11000.00 |
                                                                                                      0.30 |
148 | Gerald
                                                                                                                100 |
                                                                                                                           80
             | Abel
                      | EABEL | 011.44.1644.429267 | 1987-08-30 | SA REP | 11000.00 |
174 | Ellen
                                                                                              0.30 |
                                                                                                        149 |
                                                                                                                    80 |
                        | EBATES | 011.44.1343.529268 | 1987-08-28 | SA_REP | 7300.00 |
172 | Elizabeth | Bates
                                                                                                 0.15
                                                                                                           148
                                                                                                                      80
149 | Eleni
            | Zlotkey | EZLOTKEY | 011.44.1344.429018 | 1987-08-05 | SA_MAN | 10500.00 |
                                                                                                  0.20 |
                                                                                                            100 |
                                                                                                                       80 I
                        | DGRANT | 650.507.9844
199 | Douglas
              | Grant
                                                     | 1987-09-24 | SH_CLERK | 2600.00 |
                                                                                                 0.001
                                                                                                          124 |
                                                                                                                      50 I
198 | Donald
              | OConnell | DOCONNEL | 650.507.9833
                                                         | 1987-09-23 | SH_CLERK | 2600.00 |
                                                                                                    0.00 |
                                                                                                                         50 |
                                                                                                             124 |
107 | Diana
              | Lorentz | DLORENTZ | 590.423.5567
                                                      | 1987-06-24 | IT_PROG | 4200.00 |
                                                                                                0.001
                                                                                                          103 I
                                                                                                                      60 I
114 | Den
             | Raphaely | DRAPHEAL | 515.127.4561
                                                      | 1987-07-01 | PU MAN | 11000.00 |
                                                                                                 0.00
                                                                                                           100 I
                                                                                                                      30 |
              | Austin | DAUSTIN | 590.423.4569 | 1987-06-22 | IT_PROG | 4800.00 |
105 | David
                                                                                              0.00 |
                                                                                                        103 |
                                                                                                                   60 |
151 | David
              | Bernstein | DBERNSTE | 011.44.1344.345268 | 1987-08-07 | SA REP | 9500.00 |
                                                                                                   0.25 |
                                                                                                             145 |
                                                                                                                        80 |
                                                                                              0.10 |
165 | David
             I I ee
                      | DLEE | 011.44.1346.529268 | 1987-08-21 | SA_REP | 6800.00 |
                                                                                                        147 |
                                                                                                                   80 I
             | Greene
                       | DGREENE | 011.44.1346.229268 | 1987-08-19 | SA_REP | 9500.00 |
163 | Danielle
                                                                                                   0.15
                                                                                                             147
                                                                                                                        80 |
                                                   | 1987-06-26 | FI_ACCOUNT | 9000.00 |
109 | Daniel
             | Faviet
                       | DFAVIET | 515.124.4169
                                                                                                0.00 |
                                                                                                          108 I
                                                                                                                    100 I
142 | Curtis
             I Davies
                        | CDAVIES | 650.121.2994
                                                    | 1987-07-29 | ST CLERK | 3100.00 |
                                                                                               0.00 |
                                                                                                         124 |
                                                                                                                    50|
162 | Clara
             | Vishney
                        | CVISHNEY | 011.44.1346.129268 | 1987-08-18 | SA_REP | 10500.00 |
                                                                                                   0.25 |
                                                                                                            147
                                                                                                                        80 |
                          | COLSEN | 011.44.1344.498718 | 1987-08-09 | SA REP | 8000.00 |
                                                                                                            145 |
153 | Christopher | Olsen
                                                                                                   0.201
                                                                                                                        80 I
                          | CJOHNSON | 011.44.1644.429262 | 1987-09-04 | SA_REP | 6200.00 |
179 | Charles
              | Johnson
                                                                                                     0.10 |
                                                                                                               149 |
                                                                                                                          80 |
104 | Bruce
              | Ernst
                       | BERNST | 590.423.4568 | 1987-06-21 | IT PROG | 6000.00 |
                                                                                              0.00
                                                                                                       103 |
                                                                                                                   60 |
193 | Britney
             | Everett
                        | BEVERETT | 650.501.2876
                                                     | 1987-09-18 | SH_CLERK | 3900.00
                                                                                                 0.00 |
                                                                                                           123
                                                                                                                      50 |
                         | ACABRIO | 650.509.4876
                                                     | 1987-09-12 | SH CLERK | 3000.00 |
187 | Anthony
              I Cabrio
                                                                                                 0.001
                                                                                                                      50 I
                                                                                                           1211
167 | Amit
             | Banda
                        | ABANDA | 011.44.1346.729268 | 1987-08-23 | SA_REP | 6200.00 |
                                                                                                 0.10 |
                                                                                                           147 |
                                                                                                                      801
                                                                                | 8800.00 |
              | Hutton
                        | AHUTTON | 011.44.1644.429266 | 1987-08-31 | SA REP
175 | Alvssa
                                                                                                  0.251
                                                                                                            1491
                                                                                                                       80 I
             | McEwen
                         | AMCEWEN | 011.44.1345.829268 | 1987-08-14 | SA_REP | 9000.00 |
158 | Allan
                                                                                                    0.35 |
                                                                                                                         801
                      | ABULL | 650.509.2876 | 1987-09-10 | SH CLERK | 4100.00 |
                                                                                            0.00 |
                                                                                                      121 |
185 | Alexis
             1 Bull
                                                                                                                  50 I
103 | Alexander | Hunold
                          | AHUNOLD | 590.423.4567
                                                       | 1987-06-20 | IT_PROG | 9000.00 |
                                                                                                  0.00 |
                                                                                                           102 |
                                                                                                                       60 I
                                                     | 1987-07-02 | PU_CLERK | 3100.00 |
115 | Alexander | Khoo
                          | AKHOO | 515.127.4562
                                                                                                 0.001
                                                                                                          114 |
                                                                                                                      30 I
147 | Alberto
             | Errazuriz
                        | AERRAZUR | 011.44.1344.429278 | 1987-08-03 | SA_MAN | 12000.00 |
                                                                                                    0.30 |
                                                                                                             100 |
                                                                                                                         80 I
                        | AWALSH | 650.507.9811 | 1987-09-21 | SH CLERK | 3100.00 |
                                                                                                0.00|
196 | Alana
                                                                                                          124 |
                                                                                                                     50 I
             | Walsh
121 | Adam
              | Fripp
                        | AFRIPP | 650.123.2234
                                                    | 1987-07-08 | ST_MAN | 8200.00 |
                                                                                             0.00 |
                                                                                                       100 |
                                                                                                                  50 I
```

3. Write a query to get the employee ID, names (first_name, last_name), salary in ascending order of salary.

mysql> select EMPLOYEE_ID,CONCAT(FIRST_NAME," ",LAST_NAME),SALARY FROM employees ORDER BY SALARY;

+	+
EMPLOYEE_ID CONCAT(FIR	RST_NAME," ",LAST_NAME) SALARY
122 T Olson	+
132 TJ Olson	2100.00
128 Steven Markle	2200.00
136 Hazel Philtanker	2200.00 2400.00
127 James Landry	· · · · · · · · · · · · · · · · · · ·
135 Ki Gee	2400.00
119 Karen Colmenares 131 James Marlow	2500.00 2500.00
140 Joshua Patel	2500.00
144 Peter Vargas 182 Martha Sullivan	2500.00 2500.00
191 Randall Perkins	2500.00
118 Guy Himuro	2600.00
143 Randall Matos	2600.00
198 Donald OConnell	2600.00
199 Douglas Grant	2600.00
126 Irene Mikkilineni	2700.00
139 John Seo	2700.00
117 Sigal Tobias	2800.00
130 Mozhe Atkinson	2800.00
183 Girard Geoni	2800.00
195 Vance Jones	2800.00
116 Shelli Baida	2900.00
134 Michael Rogers	2900.00
190 Timothy Gates	2900.00
187 Anthony Cabrio	3000.00
197 Kevin Feeney	3000.00
115 Alexander Khoo	3100.00
142 Curtis Davies	3100.00
181 Jean Fleaur	3100.00
196 Alana Walsh	3100.00
125 Julia Nayer	3200.00
138 Stephen Stiles	3200.00
180 Winston Taylor	3200.00
194 Samuel McCain	3200.00
129 Laura Bissot	3300.00
133 Jason Mallin	3300.00
186 Julia Dellinger	3400.00
141 Trenna Rajs	3500.00
137 Renske Ladwig	3600.00
189 Jennifer Dilly	3600.00
188 Kelly Chung	3800.00
193 Britney Everett	3900.00
192 Sarah Bell	4000.00
185 Alexis Bull	4100.00
107 Diana Lorentz	4200.00
184 Nandita Sarchand	4200.00
200 Jennifer Whalen	4400.00
105 David Austin	4800.00
106 Valli Pataballa	4800.00
124 Kevin Mourgos	5800.00
104 Bruce Ernst	6000.00
202 Pat Fay	6000.00
173 Sundita Kumar	6100.00
167 Amit Banda	6200.00
179 Charles Johnson	6200.00

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166 | Sundar Ande
                              | 6400.00 |
123 | Shanta Vollman
                               | 6500.00 |
203 | Susan Mavris
                              | 6500.00 |
                            | 6800.00 |
165 | David Lee
113 | Luis Popp
                            | 6900.00 |
                             | 7000.00|
155 | Oliver Tuvault
161 | Sarath Sewall
                             | 7000.00 |
178 | Kimberely Grant
                              1 7000 00 1
164 | Mattea Marvins
                              | 7200.00 |
172 | Elizabeth Bates
                              | 7300.00 |
171 | William Smith
                             | 7400.00 |
154 | Nanette Cambrault
                               | 7500.00 |
160 | Louise Doran
                              | 7500.00 |
111 | Ismael Sciarra
                             | 7700.00 |
112 | Jose Manuel Urman
                                 | 7800.00 |
122 | Payam Kaufling
                               | 7900.00 |
120 | Matthew Weiss
                               | 8000.00 |
153 | Christopher Olsen
                               | 8000.00 |
159 | Lindsey Smith
                              | 8000.00 |
110 | John Chen
                             | 8200.00 |
121 | Adam Fripp
                             | 8200.00 |
206 | William Gietz
                             | 8300.00 |
                              | 8400.00 |
177 | Jack Livingston
176 | Jonathon Taylor
                              1 8600.001
175 | Alyssa Hutton
                             | 8800.00 |
103 | Alexander Hunold
                               9000.00 |
109 | Daniel Faviet
                             9000.00
152 | Peter Hall
                            9000.00
158 | Allan McEwen
                              9000.00
151 | David Bernstein
                              9500.00
157 | Patrick Sully
                            | 9500.00 |
163 | Danielle Greene
                              | 9500.00 |
170 | Tayler Fox
                            | 9600.00 |
150 | Peter Tucker
                             | 10000.00 |
156 | Janette King
                             | 10000.00 |
                              | 10000.00 |
169 | Harrison Bloom
204 | Hermann Baer
                              | 10000.00 |
                             | 10500.00 |
149 | Eleni Zlotkey
162 | Clara Vishney
                             | 10500.00 |
114 | Den Raphaely
                              | 11000.00 |
148 | Gerald Cambrault
                               | 11000.00 |
174 | Ellen Abel
                            | 11000.00 |
168 | Lisa Ozer
                            | 11500.00 |
                               | 12000.00 |
108 | Nancy Greenberg
147 | Alberto Errazuriz
                              | 12000.00 |
                              | 12000.00 |
205 | Shelley Higgins
201 | Michael Hartstein
                              | 13000.00 |
146 | Karen Partners
                              | 13500.00 |
145 | John Russell
                             | 14000.00 |
101 | Neena Kochhar
                               | 17000.00 |
102 | Lex De Haan
                              | 17000.00 |
100 | Steven King
                             1 24000.00 1
```

4. Display first name and join date of the employees who is either IT Programmer or Sales Man.

mysql> SELECT FIRST_NAME, HIRE_DATE FROM employees WHERE JOB_ID IN('IT_PROG', 'SA_MAN');

```
+-----+
| FIRST_NAME | HIRE_DATE |
+-----+
| Alexander | 1987-06-20 |
| Bruce | 1987-06-21 |
| David | 1987-06-23 |
| Valli | 1987-06-24 |
| John | 1987-08-01 |
| Karen | 1987-08-02 |
| Alberto | 1987-08-03 |
```

```
| Gerald | 1987-08-04 |
| Eleni | 1987-08-05 |
```

5. Display details of employee with ID 150 or 160.

6. Display first name, salary, commission pct, and hire date for employees with salary less than 10000.

mysql> SELECT FIRST_NAME, SALARY, COMMISSION_PCT, HIRE_DATE FROM employees WHERE SALARY<10000;

```
| FIRST_NAME | SALARY | COMMISSION_PCT | HIRE_DATE | | | | | | | | |
| Alexander | 9000.00 | 0.00 | 1987-06-20 |
| Bruce | 6000.00 | 0.00 | 1987-06-21 | David | 4800.00 | 0.00 | 1987-06-22 | Valli | 4800.00 | 0.00 | 1987-06-23 |
| Diana | 4200.00 | 0.00 | 1987-06-24 |
| Daniel | 9000.00 | 0.00 | 1987-06-26 |
| John | 8200.00 | 0.00 | 1987-06-27 |
| Ismael | 7700.00 | 0.00 | 1987-06-28 |
| Jose Manuel | 7800.00 | 0.00 | 1987-06-29 |
| Luis | 6900.00 | 0.00 | 1987-06-30 |
| Alexander | 3100.00 | 0.00 | 1987-07-02 |
| Sigal | 2800.00 | 0.00 | 1987-07-04 |
| Guy | 2600.00 | 0.00 | 1987-07-05 |
| Karen | 2500.00 | 0.00 | 1987-07-06 |
| Matthew | 8000.00 | 0.00 | 1987-07-07 |
| Adam | 8200.00 | 0.00 | 1987-07-08 |
| Payam | 7900.00 | 0.00 | 1987-07-09 |
| Shanta | 6500.00 | 0.00 | 1987-07-10 |
| Kevin | 5800.00 | 0.00 | 1987-07-11 |
| Julia | 3200.00 | 0.00 | 1987-07-12 |
| Irene | 2700.00 | 0.00 | 1987-07-13 |
| James | 2400.00 | 0.00 | 1987-07-14 |
| Steven | 2200.00 | 0.00 | 1987-07-15 |
| Laura | 3300.00 | 0.00 | 1987-07-16 |
| Mozhe | 2800.00 | 0.00 | 1987-07-17 |
| James | 2500.00 | 0.00 | 1987-07-18 |
| TJ | 2100.00 |
                                   0.00 | 1987-07-19 |
| Jason | 3300.00 | 0.00 | 1987-07-20 |
| Michael | 2900.00 | 0.00 | 1987-07-21 | Ki | 2400.00 | 0.00 | 1987-07-22 | Hazel | 2200.00 | 0.00 | 1987-07-23 |
                                      0.00 | 1987-07-21 |
| Renske | 3600.00 |
                                  0.00 | 1987-07-24 |
| Stephen | 3200.00 |
                                       0.00 | 1987-07-25 |
| John | 2700.00 |
                                      0.00 | 1987-07-26 |
| Joshua | 2500.00 | 0.00 | 1987-07-27 |
| Trenna | 3500.00 | 0.00 | 1987-07-28 |

        | Curtis
        | 3100.00 |
        0.00 | 1987-07-29 |

        | Randall
        | 2600.00 |
        0.00 | 1987-07-30 |

        | Peter
        | 2500.00 |
        0.00 | 1987-07-31 |

                                      0.00 | 1987-07-30 |
| David | 9500.00 | 0.25 | 1987-08-07 |
```

```
| Peter
          | 9000.00 |
                            0.25 | 1987-08-08 |
| Christopher | 8000.00 |
                              0.20 | 1987-08-09 |
| Nanette | 7500.00 |
                             0.20 | 1987-08-10 |
                           0.15 | 1987-08-11 |
| Oliver | 7000.00 |
| Patrick | 9500.00 |
                            0.35 | 1987-08-13 |
          9000.00
l Allan
                           0.35 | 1987-08-14 |
| Lindsey
           | 8000.00 |
                             0.30 | 1987-08-15 |
                            0.30 | 1987-08-16 |
1 Louise
          | 7500.00 |
| Sarath
          | 7000.00 |
                            0.25 | 1987-08-17 |
                            0.15 | 1987-08-19 |
| Danielle | 9500.00 |
Mattea
           | 7200.00 |
                            0.10 | 1987-08-20 |
                            0.10 | 1987-08-21 |
| David
          | 6800.00 |
| Sundar
           | 6400.00 |
                             0.10 | 1987-08-22 |
          | 6200.00 |
| Amit
                           0.10 | 1987-08-23 |
| Tayler
          | 9600.00 |
                            0.20 | 1987-08-26 |
                            0.15 | 1987-08-27 |
| William | 7400.00 |
| Elizabeth | 7300.00 |
                             0.15 | 1987-08-28 |
                             0.10 | 1987-08-29 |
| Sundita | 6100.00 |
| Alyssa | 8800.00 |
                            0.25 | 1987-08-31 |
| Jonathon | 8600.00 |
                             0.20 | 1987-09-01 |
         | 8400.00 |
                            0.20 | 1987-09-02 |
| Kimberely | 7000.00 |
                             0.15 | 1987-09-03 |
Charles | 6200.00 |
                             0.10 | 1987-09-04 |
                             0.00 | 1987-09-05 |
| Winston | 3200.00 |
          | 3100.00 |
                            0.00 | 1987-09-06 |
| Jean
| Martha
           | 2500.00 |
                            0.00 | 1987-09-07 |
| Girard
          | 2800.00 |
                            0.00 | 1987-09-08 |
          | 4200.00 |
                             0.00 | 1987-09-09 |
| Nandita
          | 4100.00 |
                            0.00 | 1987-09-10 |
| Alexis
| Julia
         | 3400.00 |
                           0.00 | 1987-09-11 |
| Anthony
           | 3000.00 |
                             0.00 | 1987-09-12 |
                           0.00 | 1987-09-13 |
| Kelly
         | 3800.00 |
| Jennifer | 3600.00 |
                            0.00 | 1987-09-14 |
| Timothy
           | 2900.00 |
                             0.00 | 1987-09-15 |
           | 2500.00 |
                             0.00 | 1987-09-16 |
| Randall
l Sarah
           | 4000.00 |
                            0.00 | 1987-09-17 |
                            0.00 | 1987-09-18 |
| Britney
          | 3900.00 |
                             0.00 | 1987-09-19 |
| Samuel
           | 3200.00 |
                            0.00 | 1987-09-20 |
| Vance
           | 2800.00 |
l Alana
          | 3100.00 |
                            0.00 | 1987-09-21 |
                            0.00 | 1987-09-22 |
| Kevin
          | 3000.00 |
           | 2600.00 |
                             0.00 | 1987-09-23 |
| Donald
                             0.00 | 1987-09-24 |
| Douglas
           | 2600.00 |
| Jennifer | 4400.00 |
                            0.00 | 1987-09-25 |
| Pat
         | 6000.00 |
                           0.00 | 1987-09-27 |
           | 6500.00 |
                             0.00 | 1987-09-28 |
| Susan
| William | 8300.00 |
                            0.00 | 1987-10-01 |
```

7. Display employees where the first name or last name starts with S.

mysql> SELECT * FROM employees WHERE FIRST_NAME like '%S' OR LAST_NAME like '%S';

††††††						
EMPLOYEE_ID FIRST_NAME LAST_NAME EMAIL PHONE_NUMBER HIRE_DATE JOB_ID SALARY COMMISSION_PCT MANAGER ID DEPARTMENT ID						
+	+++					
1	113 Luis Popp LPOPP 515.124.4567 1987-06-30 FI_ACCOUNT 6900.00 0.00 108 100	1				
İ	117 Sigal Tobias STOBIAS 515.127.4564 1987-07-04 PU_CLERK 2800.00 0.00 114 30	ĺ				
İ	119 Karen Colmenares KCOLMENA 515.127.4566 1987-07-06 PU_CLERK 2500.00 0.00 114	30				
İ	120 Matthew Weiss MWEISS 650.123.1234 1987-07-07 ST_MAN 8000.00 0.00 100 50)				
İ	124 Kevin Mourgos KMOURGOS 650.123.5234 1987-07-11 ST_MAN 5800.00 0.00 100	50				
İ	127 James Landry JLANDRY 650.124.1334 1987-07-14 ST_CLERK 2400.00 0.00 120 5	50				
	131 James Marlow JAMRLOW 650.124.7234 1987-07-18 ST_CLERK 2500.00 0.00 121	50				
İ	134 Michael Rogers MROGERS 650.127.1834 1987-07-21 ST_CLERK 2900.00 0.00 122	50				
Ì	138 Stephen Stiles SSTILES 650.121.2034 1987-07-25 ST_CLERK 3200.00 0.00 123 50	1				
1	141 Trenna Rajs TRAJS 650.121.8009 1987-07-28 ST_CLERK 3500.00 0.00 124 50					
İ	142 Curtis Davies CDAVIES 650.121.2994 1987-07-29 ST_CLERK 3100.00 0.00 124 50	1				

```
143 | Randall | Matos | RMATOS | 650.121.2874 | 1987-07-30 | ST_CLERK | 2600.00 |
                                                                                           0.00
                                                                                                    124 |
144 | Peter | Vargas | PVARGAS | 650.121.2004 | 1987-07-31 | ST_CLERK | 2500.00 |
                                                                                           0.00 I
                                                                                                    124 I
                                                                                                               50 |
146 | Karen
             | Partners | KPARTNER | 011.44.1344.467268 | 1987-08-02 | SA_MAN | 13500.00 |
                                                                                              0.30 |
                                                                                                        100 |
                                                                                                                  80 |
164 | Mattea | Marvins | MMARVINS | 011.44.1346.329268 | 1987-08-20 | SA_REP | 7200.00 |
                                                                                                       147 |
                                                                                              0.10 |
                                                                                                                  80 |
172 | Elizabeth | Bates | EBATES | 011.44.1343.529268 | 1987-08-28 | SA_REP | 7300.00 |
                                                                                                     148 |
                                                                                                                | 08
179 | Charles | Johnson | CJOHNSON | 011.44.1644.429262 | 1987-09-04 | SA_REP | 6200.00 |
                                                                                               0.10 |
                                                                                                        149 |
                                                                                                                   80 |
185 | Alexis | Bull
                   | ABULL | 650.509.2876 | 1987-09-10 | SH_CLERK | 4100.00 |
                                                                                        0.00 |
                                                                                                 121 |
190 | Timothy | Gates | TGATES | 650.505.3876 | 1987-09-15 | SH_CLERK | 2900.00 |
                                                                                           0.001
                                                                                                    122 I
                                                                                                               50 I
191 | Randall | Perkins | RPERKINS | 650.505.4876
                                                  | 1987-09-16 | SH_CLERK | 2500.00 |
                                                                                            0.00
                                                                                                     122 |
195 | Vance | Jones | VJONES | 650.501.4876
                                                 | 1987-09-20 | SH_CLERK | 2800.00 |
                                                                                           0.00|
                                                                                                    123 |
                                                                                                               50 |
199 | Douglas | Grant
                       | DGRANT | 650.507.9844
                                                   | 1987-09-24 | SH_CLERK | 2600.00 |
                                                                                           0.00 |
                                                                                                     124 |
                                                                                                                50 |
                                                  | 1987-09-28 | HR_REP | 6500.00 |
                       | SMAVRIS | 515.123.7777
                                                                                                              40 |
203 | Susan | Mavris
                                                                                          0.00
                                                                                                   101 |
205 | Shelley | Higgins | SHIGGINS | 515.123.8080
                                                  | 1987-09-30 | AC_MGR | 12000.00 |
                                                                                           0.00 |
                                                                                                    101 |
                                                                                                               110 |
```

8. Display details of jobs in the descending order of the title.

mysql> SELECT * FROM employees ORDER BY JOB_ID DESC;

•	-++++++
+	-tt
120	Matthew Weiss MWEISS 650.123.1234 1987-07-07 ST_MAN 8000.00 0.00 100 50
121	Adam Fripp AFRIPP 650.123.2234 1987-07-08 ST_MAN 8200.00 0.00 100 50
122	Payam Kaufling PKAUFLIN 650.123.3234 1987-07-09 ST_MAN 7900.00 0.00 100 50
123	Shanta Vollman SVOLLMAN 650.123.4234 1987-07-10 ST_MAN 6500.00 0.00 100 50
124	Kevin Mourgos KMOURGOS 650.123.5234 1987-07-11 ST_MAN 5800.00 0.00 100 50
125	Julia Nayer JNAYER 650.124.1214 1987-07-12 ST_CLERK 3200.00 0.00 120 50
•	Irene Mikkilineni IMIKKILI 650.124.1224 1987-07-13 ST_CLERK 2700.00 0.00 120 50
•	James Landry JLANDRY 650.124.1334 1987-07-14 ST_CLERK 2400.00 0.00 120 50
•	Steven Markle SMARKLE 650.124.1434 1987-07-15 ST_CLERK 2200.00 0.00 120 50
•	Laura Bissot LBISSOT 650.124.5234 1987-07-16 ST_CLERK 3300.00 0.00 121 50
	Mozhe Atkinson MATKINSO 650.124.6234 1987-07-17 ST_CLERK 2800.00 0.00 121 50
•	James Marlow JAMRLOW 650.124.7234 1987-07-18 ST_CLERK 2500.00 0.00 121 50
132	
•	Jason Mallin JMALLIN 650.127.1934 1987-07-20 ST_CLERK 3300.00 0.00 122 50
	Michael Rogers MROGERS 650.127.1834 1987-07-21 ST_CLERK 2900.00 0.00 122 50
135	
•	Hazel Philtanker HPHILTAN 650.127.1634 1987-07-23 ST_CLERK 2200.00 0.00 122 50 Renske Ladwig RLADWIG 650.121.1234 1987-07-24 ST CLERK 3600.00 0.00 123 50
•	Stephen Stiles SSTILES 650.121.2034 1987-07-25 ST CLERK 3200.00 0.00 123 50
	John Seo JSEO 650.121.2019 1987-07-26 ST CLERK 2700.00 0.00 123 50
•	Joshua Patel JPATEL 650.121.1834 1987-07-27 ST_CLERK 2500.00 0.00 123 50
•	Trenna Rajs TRAJS 650.121.8009 1987-07-28 ST_CLERK 3500.00 0.00 124 50
•	Curtis Davies CDAVIES 650.121.2994 1987-07-29 ST CLERK 3100.00 0.00 124 50
	Randall Matos RMATOS 650.121.2874 1987-07-30 ST_CLERK 2600.00 0.00 124 50
•	Peter Vargas PVARGAS 650.121.2004 1987-07-31 ST CLERK 2500.00 0.00 124 50
	Winston Taylor WTAYLOR 650.507.9876 1987-09-05 SH CLERK 3200.00 0.00 120 50
•	Jean Fleaur JFLEAUR 650.507.9877 1987-09-06 SH CLERK 3100.00 0.00 120 50
182	Martha Sullivan MSULLIVA 650.507.9878 1987-09-07 SH CLERK 2500.00 0.00 120 50
183	Girard Geoni GGEONI 650.507.9879 1987-09-08 SH_CLERK 2800.00 0.00 120 50
184	Nandita Sarchand NSARCHAN 650.509.1876 1987-09-09 SH_CLERK 4200.00 0.00 121 50
185	Alexis Bull ABULL 650.509.2876 1987-09-10 SH_CLERK 4100.00 0.00 121 50
186	Julia Dellinger JDELLING 650.509.3876 1987-09-11 SH_CLERK 3400.00 0.00 121 50
187	Anthony Cabrio ACABRIO 650.509.4876 1987-09-12 SH_CLERK 3000.00 0.00 121 50
188	Kelly Chung KCHUNG 650.505.1876 1987-09-13 SH_CLERK 3800.00 0.00 122 50
189	Jennifer Dilly JDILLY 650.505.2876 1987-09-14 SH_CLERK 3600.00 0.00 122 50
190	Timothy Gates TGATES 650.505.3876 1987-09-15 SH_CLERK 2900.00 0.00 122 50
•	Randall Perkins RPERKINS 650.505.4876 1987-09-16 SH_CLERK 2500.00 0.00 122 50
•	Sarah Bell SBELL 650.501.1876 1987-09-17 SH_CLERK 4000.00 0.00 123 50
•	Britney Everett BEVERETT 650.501.2876 1987-09-18 SH_CLERK 3900.00 0.00 123 50
•	Samuel McCain SMCCAIN 650.501.3876 1987-09-19 SH_CLERK 3200.00 0.00 123 50
•	Vance Jones VJONES 650.501.4876 1987-09-20 SH_CLERK 2800.00 0.00 123 50
•	Alana Walsh AWALSH 650.507.9811 1987-09-21 SH_CLERK 3100.00 0.00 124 50
	Kevin Feeney KFEENEY 650.507.9822 1987-09-22 SH_CLERK 3000.00 0.00 124 50
•	Donald OConnell DOCONNEL 650.507.9833 1987-09-23 SH_CLERK 2600.00 0.00 124 50
199	Douglas Grant DGRANT 650.507.9844 1987-09-24 SH_CLERK 2600.00 0.00 124 50

1 1	50 Peter	Tucker F	PTUCKER 011.44.1	344.129268	I 1987-08-06 I SA	REP 11	0000.00	0.30	145	80
•	51 David		DBERNSTE 011.44				9500.00	0.25		80
-	52 Peter		HALL 011.44.1344.			_			45	80
•			COLSEN 011.44.		. –	•	8000.001	0.20	145	80
•	54 Nanette		NCAMBRAU 011.				7500.00		•	•
•	55 Oliver	•	TUVAULT 011.44.1		•	. –	7000.00	0.15	145	. 80
	56 Janette		KING 011.44.1345				00.00	0.35	146	80
j 1:	57 Patrick	Sully PS	SULLY 011.44.134	5.929268 1	987-08-13 SA_R	EP 950	00.00	0.35	146	80
j 1	58 Allan		AMCEWEN 011.44		. –		9000.00	0.35	146	80
1	59 Lindse	/ Smith I	LSMITH 011.44.13	45.729268	1987-08-15 SA_	REP 8	000.00	0.30	146	80
j 1	60 Louise	Doran I	LDORAN 011.44.1	345.629268	1987-08-16 SA	REP	7500.00	0.30	146	80
1	31 Sarath	Sewall S	SSEWALL 011.44.1	345.529268	1987-08-17 SA	_REP	7000.00	0.25	146	80
1	62 Clara	Vishney 0	CVISHNEY 011.44.1	346.129268	3 1987-08-18 SA	A_REP	10500.00	0.25	147	80
1	33 Daniell	e Greene	DGREENE 011.44	.1346.22926	68 1987-08-19 S	SA_REP	9500.00	0.15	147	80
1	64 Mattea	Marvins	MMARVINS 011.44	.1346.32926	68 1987-08-20 S	SA_REP	7200.00	0.10	147	80
1	65 David	Lee D	LEE 011.44.1346	.529268 19	987-08-21 SA_RE	P 680	0.00	0.10	147	80
1	66 Sundar	Ande	SANDE 011.44.13	46.629268	1987-08-22 SA_	_REP 6	400.00	0.10	147	80
1	67 Amit	Banda A	ABANDA 011.44.13	46.729268	1987-08-23 SA_	_REP 6	200.00	0.10	147	08
1	68 Lisa	Ozer LC	DZER 011.44.1343	.929268 1	987-08-24 SA_RI	EP 1150	00.00	0.25	148	80
1	69 Harrisc	n Bloom	HBLOOM 011.44.	1343.82926	8 1987-08-25 SA	A_REP	10000.00	0.20	148	80
1	70 Tayler	Fox TF	FOX 011.44.1343.	729268 19	187-08-26 SA_RE	P 9600	0.00	0.20 1	48	80
1	71 William	Smith V	NSMITH 011.44.13	43.629268	1987-08-27 SA_	_REP 7	400.00	0.15	148	80
	72 Elizabe		EBATES 011.44.13				7300.00	0.15	148	80
•	73 Sundita		SKUMAR 011.44.				6100.00	0.10	148	80
•	74 Ellen		ABEL 011.44.1644	•			00.00	•	149	80
•	75 Alyssa		AHUTTON 011.44.1				00.0088	0.25	149	80
•	76 Jonath		JTAYLOR 011.44.1				8600.00	0.20	149	80
•	77 Jack		JLIVINGS 011.44.16				3400.00	0.20	149	80
•			KGRANT 011.44.				7000.00	0.15	149	0
•	79 Charle:	•	CJOHNSON 011.4			_	6200.00	•	•	
•	45 John 46 Karen		IRUSSEL 011.44.13				4000.00	0.40	100	80
	+0 i Naieli					A NAANI			1 100 1	
	•		•		88 1987-08-02 S 78 1987-08-03 S	_	13500.00			80 80
j 1	47 Alberto	Errazuriz	AERRAZUR 011.44	.1344.42927	78 1987-08-03 S	A_MAN	12000.00	0.30	100	80
1-	47 Alberto 48 Gerald	Errazuriz . Cambrault	AERRAZUR 011.44 GCAMBRAU 011.4	.1344.42927 14.1344.619	78 1987-08-03 S 268 1987-08-04	A_MAN SA_MAN	12000.00	0.30 0.0 0.3	100 30 100	80 0 80
1- 1- 1-	47 Alberto 48 Gerald 49 Eleni	Errazuriz . Cambrault Zlotkey E	AERRAZUR 011.44 GCAMBRAU 011.4 ZLOTKEY 011.44.1	.1344.42927 14.1344.619 344.429018	78 1987-08-03 S 268 1987-08-04 1987-08-05 SA	A_MAN SA_MAN MAN	12000.00 11000.00 10500.00	0.30 0 0.3 0.20	100 100 100	80 0 80 80
1	47 Alberto 48 Gerald 49 Eleni 14 Den	Errazuriz Cambrault Zlotkey E Raphaely	AERRAZUR 011.44 GCAMBRAU 011.4 ZLOTKEY 011.44.1 DRAPHEAL 515.12	.1344.42927 44.1344.619 344.429018 7.4561	78 1987-08-03 S 9268 1987-08-04 1987-08-05 SA 1987-07-01 PU_	SA_MAN SA_MAN MAN 1 MAN 1	12000.00 11000.00 10500.00 1000.00	0.30 0 0.3 0.20 0.00	100 30 100 100 100	80 0 80 80 30
14 14 14 14 14 15 15 15	47 Alberto 48 Gerald 49 Eleni 14 Den 15 Alexan	Errazuriz Cambrault Zlotkey E Raphaely der Khoo	AERRAZUR 011.44 GCAMBRAU 011.4 ZLOTKEY 011.44.1 DRAPHEAL 515.12 AKHOO 515.127	.1344.42927 14.1344.619 344.429018 .7.4561 .4562 1	78 1987-08-03 S 1268 1987-08-04 1987-08-05 SA 1987-07-01 PU_ 1987-07-02 PU_C	SA_MAN SA_MAN MAN 1 MAN 1	12000.00 11000.00 10500.00 1000.00	0.30 0 0.3 0.20 0.00 0.00	100 30 100 100 100 114	80 0 80 80 30 30
1- 1- 1- 1- 1- 1-	47 Alberto 48 Gerald 49 Eleni 14 Den 15 Alexan 16 Shelli	Errazuriz Cambrault Zlotkey E Raphaely der Khoo Baida Si	AERRAZUR 011.44 GCAMBRAU 011.4 ZLOTKEY 011.44.1 DRAPHEAL 515.12 AKHOO 515.127.45 BAIDA 515.127.45	.1344.42927 44.1344.619 344.429018 .7.4561 .4562 1	78 1987-08-03 S 1268 1987-08-04 1987-08-05 SA 1987-07-01 PU_0 1987-07-02 PU_C 17-07-03 PU_CLE	SA_MAN SA_MAN _MAN 1 _MAN 1 CLERK 3 RK 2900	12000.00 11000.00 10500.00 1000.00 1000.00	0.30 0 0.3 0.20 0.00 0.00 1	100 30 100 100 100 114	80 0 80 80 30 30
1. 1. 1. 1. 1. 1. 1. 1.	47 Alberto 48 Gerald 49 Eleni 14 Den 15 Alexan 16 Shelli 17 Sigal	Errazuriz Cambrault Zlotkey E Raphaely der Khoo Baida Si Tobias S	AERRAZUR 011.44 GCAMBRAU 011.4 ZLOTKEY 011.44.1 DRAPHEAL 515.12 AKHOO 515.127.45 BAIDA 515.127.45 TOBIAS 515.127.45	.1344.42927 44.1344.619 344.429018 .7.4561 .4562 1 63 1987 564 1987	78 1987-08-03 S 1268 1987-08-04 1987-08-05 SA 1987-07-01 PU_ 1987-07-02 PU_C 7-07-03 PU_CLE 37-07-04 PU_CLE	SA_MAN SA_MAN _MAN 1 _MAN 1 CLERK 3 RK 2900 ERK 280	12000.00 11000.00 10500.00 1000.00 1000.00 100.00	0.30 0 0.3 0.20 0.00 0.00 1	100 30 100 100 100 114	80 0 80 80 30 30
1. 1. 1. 1. 1. 1. 1. 1.	47 Alberto 48 Gerald 49 Eleni 14 Den 15 Alexan 16 Shelli	Errazuriz Cambrault Zlotkey E Raphaely der Khoo Baida Si Tobias Si Himuro G	AERRAZUR 011.44 GCAMBRAU 011.4 ZLOTKEY 011.44.1 DRAPHEAL 515.12 AKHOO 515.127.45 BAIDA 515.127.45	.1344.42927 44.1344.619 344.429018 .7.4561 .4562 1 63 198 .664 198 .4565 1	78 1987-08-03 S 1268 1987-08-04 1987-08-05 SA 1987-07-01 PU_0 1987-07-02 PU_C 17-07-03 PU_CLE	SA_MAN SA_MAN MAN 1 MAN 1 CLERK 3 RK 2900 ERK 280 CLERK 2	12000.00 11000.00 10500.00 1000.00 100.00 0.00 0.00	0.30 0 0.30 0.20 0.00 0.00 0.00 1 0.00	100 30 100 100 100 114 14 114 114	80 0 80 80 30 30 30 30 30
1. 1. 1. 1. 1. 1. 1. 1.	47 Alberto 48 Gerald 49 Eleni 14 Den 15 Alexan 16 Shelli 17 Sigal 18 Guy	Errazuriz Cambrault Zlotkey E Raphaely der Khoo Baida Si Tobias Si Himuro Colmenares	AERRAZUR 011.44 GCAMBRAU 011.4 ZLOTKEY 011.44.1 DRAPHEAL 515.12 AKHOO 515.127.45 BAIDA 515.127.45 TOBIAS 515.127.45 GHIMURO 515.127	.1344.42927 44.1344.619 344.429018 7.4561 1 4562 1 63 198 664 198 4565 1 127.4566	78 1987-08-03 S 1268 1987-08-04 1987-08-05 SA 1987-07-01 PU_ 1987-07-02 PU_C 7-07-03 PU_CLE 1987-07-04 PU_CLE 1987-07-05 PU_C	A_MAN SA_MAN SA_MAN 1 MAN 1 CLERK 3 RK 2900 ERK 280 CLERK 2	12000.00 11000.00 10500.00 1000.00 100.00 0.00 0.00	0.30 0 0.30 0.20 0.00 0.00 0.00 1 0.00	100 30 100 100 100 114 14 114 114	80 0 80 80 30 30 30 30 30
1. 1. 1. 1. 1. 1. 1. 1.	47 Alberto 48 Gerald 49 Eleni 14 Den 15 Alexan 16 Shelli 17 Sigal 18 Guy 19 Karen	Errazuriz Cambrault Zlotkey E Raphaely der Khoo Baida Si Tobias Si Himuro Colmenares	AERRAZUR 011.44 GCAMBRAU 011.4 ZLOTKEY 011.44.1 DRAPHEAL 515.127 AKHOO 515.127.45 BAIDA 515.127.45 TOBIAS 515.127.45 GHIMURO 515.127 KCOLMENA 515.123	.1344.42927 44.1344.619 344.429018 .7.4561 .4562 .1 63 .198 .664 .198 .4565 .1 127.4566 8888 .1	78 1987-08-03 S 1268 1987-08-04 1987-08-05 SA 1987-07-01 PU_ 1987-07-02 PU_C 7-07-03 PU_CLE 1987-07-04 PU_CLE 1987-07-05 PU_C 1987-07-06 P	A_MAN SA_MAN SA_MAN 1 MAN 1 CLERK 3 RK 2900 ERK 280 CLERK 2	12000.00 11000.00 10500.00 1000.00 100.00 0.00 0.00 2500.00 2500.00	0.30 0.20 0.3 0.20 0.00 0.00 1 0.00 1 0.00 0.00	100 30 100 100 114 14 114 114 114 0 114 101	80 0 80 80 30 30 30 30 30 30 70
1. 1. 1. 1. 1. 1. 1. 1.	47 Alberto 48 Gerald 49 Eleni 14 Den 15 Alexand 16 Shelli 17 Sigal 18 Guy 19 Karen 04 Herma	Errazuriz Cambrault Cambrault Electric Cambrault Electric	AERRAZUR 011.44 GCAMBRAU 011.4 ZLOTKEY 011.44.1 DRAPHEAL 515.127 AKHOO 515.127.45 BAIDA 515.127.45 TOBIAS 515.127.45 GHIMURO 515.127 KCOLMENA 515.123	.1344.42927 44.1344.619 344.429018 .7.4561 .4562 .1 63 .198 .664 .198 .4565 .1 127.4566 8888 .1 .1987-0	78 1987-08-03 S 1268 1987-08-04 1987-08-05 SA 1987-07-01 PU_ 1987-07-02 PU_C 7-07-03 PU_CLE 1987-07-04 PU_CLE 1987-07-05 PU_C 1987-07-06 P	A_MAN SA_MAN MAN 1 MAN 1 CLERK 3 RK 2900 ERK 280 CLERK 2 U_CLERK 6000.00	12000.00 11000.00 10500.00 1000.00 100.00 0.00 0.00 2500.00 2500.00	0.30 0.20 0.30 0.20 0.00 0.00 1 0.00 1 0.00 0.00 0.00 0.00 0.00 0.00 0.00	100 30 100 100 114 14 114 114 114 0 114 101	80 0 80 80 30 30 30 30 30 30 70
1.	47 Alberto 48 Gerald 49 Eleni 14 Den 15 Alexan 16 Shelli 17 Sigal 18 Guy 19 Karen 04 Herma 02 Pat 01 Michae	Errazuriz Cambrault Cambrault Electric Cambrault Electric	AERRAZUR 011.44 GCAMBRAU 011.4 ZLOTKEY 011.44.1: DRAPHEAL 515.127 AKHOO 515.127.450 TOBIAS 515.127.450 GHIMURO 515.127 KCOLMENA 515. HBAER 515.123.	.1344.42927 44.1344.619 344.429018 7.4561 1 .4562 1 63 1198 .4565 1 127.4566 8888 1 1987-0 23.5555	78 1987-08-03 S 1268 1987-08-04 1987-08-05 SA 1987-07-01 PU_C 1987-07-02 PU_C 197-07-03 PU_CLE 1987-07-05 PU_C 1987-07-06 P 987-09-29 PR_R 199-27 MK_REP	A_MAN SA_MAN SA_MAN 1 MAN 1 LERK 3 RK 290 CLERK 2 U_CLERK EP 100 6000.00 MAN 1	12000.00 11000.00 10500.00 1000.00 100.00 100.00 0.00 2500.00 2500.00 0.00	0.30 0.20 0.30 0.20 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00	100 100 100 100 114 114 114 101 100 100 100 100 100 100 100	80 80 80 80 80 80 80 80
1. 1. 1. 1. 1. 1. 1. 1.	47 Alberto 48 Gerald 49 Eleni 14 Den 15 Alexan 16 Shelli 17 Sigal 17 Sigal 18 Guy 19 Karen 04 Herma 02 Pat 01 Michae 03 Alexan 04 Bruce	Errazuriz L Cambrault Zlotkey E Raphaely der Khoo Baida Si Tobias Si Himuro O Colmenares nn Baer Fay PF Hartstein der Hunold Ernst B	AERRAZUR 011.44 GCAMBRAU 011.4 ZLOTKEY 011.44.1 DRAPHEAL 515.127 AKHOO 515.127.45 TOBIAS 515.127.45 GHIMURO 515.127 KCOLMENA 515. HBAER 515.123 AY 603.123.6666 MHARTSTE 515.12 AHUNOLD 590.4	.1344.42927 44.1344.619 344.429018 7.4561 1.4562 1.63 1.98 644 1.98 64565 1.127.4566 8888 1 1.987-6 23.5555 23.4567 568 1.9	78 1987-08-03 S 1268 1987-08-04 1987-08-05 SA 1987-07-01 PU_ 1987-07-02 PU_C 7-07-03 PU_CLE 37-07-04 PU_C 1987-07-06 P 1987-07-06 P 987-09-29 PR_R 1987-09-26 MK_REP 1987-09-26 MK 1987-06-20 IT_ 87-06-21 IT_PRC	A_MAN SA_MAN SA_MAN	12000.00 11000.00 10500.00 10500.00 1000.00 0.00 00.00 2500.00 2500.00 0.00 0.00 0.00 0.00	0.30 0 0.3 0.20 0.00 0.00 0.00 0.00 1 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00	100 30 100 100 114 114 114 114 0 114 101 100 100 102	80 80 80 80 80 80 80 80
1. 1. 1. 1. 1. 1. 1. 1.	47 Alberto 48 Gerald 49 Eleni 14 Den 15 Alexan 16 Shelli 17 Sigal 18 Guy 19 Karen 04 Herma 02 Pat 01 Michae 03 Alexan 04 Bruce 05 David	Errazuriz L Cambrault Zlotkey E Raphaely der Khoo Baida Si Tobias Si Himuro O Colmenares nn Baer Fay PF Hartstein der Hunold Ernst B Austin D	AERRAZUR 011.44 GCAMBRAU 011.4 ZLOTKEY 011.44.1 DRAPHEAL 515.127 AKHOO 515.127.45 TOBIAS 515.127.45 TOBIAS 515.127.45 GHIMURO 515.127 KCOLMENA 515.127 KCOLMENA 515.123 AY 603.123.6666 MHARTSTE 515.12 AHUNOLD 590.4 ERNST 590.423.4 DAUSTIN 590.423.4	.1344.42927 44.1344.619 344.429018 7.4561 1 4562 1 63 198 644 198 64565 1 127.4566 8888 1 1987-6 23.5555 23.4567 568 19 569 19	78 1987-08-03 S 1268 1987-08-04 1987-08-05 SA 1987-07-01 PU_ 1987-07-02 PU_CLE 1987-07-05 PU_CLE 1987-07-05 PU_C 1987-07-06 P 987-09-29 PR_R 1987-06-20 IT_ 1987-06-21 IT_PRO 187-06-22 IT_PRO	A_MAN SA_MAN SA_MAN SA_MAN	12000.00 11000.00 10500.00 1000.00 1000.00 1000.00 1000.00 1000.00 2500.00 1000.00 1000.00 1000.00 1000.00 1000.00	0.30 0 0.3 0.20 0.00 0.00 0.00 0.00 1 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00	100 30 100 100 114 114 114 114 0 114 101 20 100 102 103	80 80 80 80 80 80 80 80
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	47 Alberto 48 Gerald 49 Eleni 14 Den 15 Alexan 16 Shelli 17 Sigal 18 Guy 19 Karen 04 Herma 02 Pat 01 Michae 03 Alexan 04 Bruce 05 David 06 Valli	Errazuriz L Cambrault Zlotkey E Raphaely der Khoo Baida Si Tobias Si Himuro O Colmenares nn Baer Fay PF Hartstein der Hunold Ernst B Austin D	AERRAZUR 011.44 GCAMBRAU 011.4 ZLOTKEY 011.44.1 DRAPHEAL 515.127 AKHOO 515.127.45 TOBIAS 515.127.45 GHIMURO 515.127 KCOLMENA 515.127 HBAER 515.123 AY 603.123.6666 MHARTSTE 515.12 AHUNOLD 590.4 ERNST 590.423.4 DAUSTIN 590.423.4 PATABAL 590.423.4	.1344.42927 44.1344.619 344.429018 7.4561 1 4562 1 63 198 64 198 4565 1 127.4566 8888 1 1987-0 23.5555 23.4567 568 19 569 19	78 1987-08-03 S 1268 1987-08-04 1987-08-05 SA 1987-07-01 PU_ 1987-07-02 PU_CLE 37-07-04 PU_CLE 1987-07-05 PU_C 1987-07-06 P 987-09-29 PR_R 1987-09-26 MK_ 1987-06-20 IT_ 87-06-21 IT_PRO 1987-06-22 IT_PRO 1987-06-23 IT_PRO	A_MAN SA_MAN SA_MAN MAN	12000.00 11000.00 10500.00 1000.00 1000.00 1000.00 1000.00 2500.00 2500.00 000.00 0.00 0.00 0.00 0.00	0.30 0.20 0.30 0.20 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00	100 100 100 100 114 114 114 114 101 100 102 103 103 103	80 80 80 80 80 30 30 30
1. 1. 1. 1. 1. 1. 1. 1.	47 Alberto 48 Gerald 49 Eleni 14 Den 15 Alexan 16 Shelli 17 Sigal 18 Guy 19 Karen 04 Herma 02 Pat 01 Michae 03 Alexan 04 Bruce 05 David 06 Valli 07 Diana	Errazuriz L Cambrault Zlotkey E Raphaely der Khoo Baida Si Tobias Si Himuro O Colmenares nn Baer Fay PE Hartstein der Hunold Ernst B Austin D Pataballa V	AERRAZUR 011.44 GCAMBRAU 011.4 ZLOTKEY 011.44.1 DRAPHEAL 515.127 AKHOO 515.127.45 TOBIAS 515.127.45 GHIMURO 515.127 HBAER 515.123 AY 603.123.6666 MHARTSTE 515.12 AHUNOLD 590.4 ERNST 590.423.4 DAUSTIN 590.423.4 PATABAL 590.423.4 DLORENTZ 590.423.4	.1344.42927 44.1344.619 344.429018 7.4561 1 4562 1 63 198 664 198 4565 1 127.4566 8888 1 1987-0 23.5555 23.4567 568 19 569 19 1560 18 3.55567	78 1987-08-03 S 1268 1987-08-04 1987-08-05 SA 1987-07-01 PU_ 1987-07-02 PU_C 7-07-03 PU_CLE 37-07-04 PU_CLE 1987-07-05 PU_C 1987-07-06 P 987-09-29 PR_R 199-27 MK_REP 1987-06-20 IT_ 1987-06-21 IT_PRC 1987-06-22 IT_PRC 1987-06-23 IT_PRC 1987-06-24 IT_PRC 1987-06-24 IT_PRC	A_MAN SA_MAN SA_MAN SA_MAN	12000.00 11000.00 10500.00 1000.00 1000.00 100.00 100.00 2500.00 2500.00 0.00 0.00 0.00 0.00 0.00 0.00	0.30 0 0.3 0.20 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00	100 100 100 100 114 114 114 114 101 100	80 80 80 80 80 80 80 80
1. 1. 1. 1. 1. 1. 1. 1.	47 Alberto 48 Gerald 49 Eleni 14 Den 15 Alexan 16 Shelli 17 Sigal 18 Guy 19 Karen 24 Herma 22 Pat 20 Alexan 24 Bruce 25 David 26 Valli 27 Diana 23 Susan	Errazuriz L Cambrault Zlotkey E Raphaely der Khoo Baida Si Tobias Si Himuro Ci Colmenares nn Baer Fi Fay PFi Hartstein der Hunold Ernst Bi Austin Ci Pataballa V Lorentz I	AERRAZUR 011.44 GCAMBRAU 011.4 ZLOTKEY 011.44.1 DRAPHEAL 515.127 AKHOO 515.127.45 TOBIAS 515.127.45 TOBIAS 515.127.45 KCOLMENA 515.127 KCOLMENA 515.123 AY 603.123.6666 MHARTSTE 515.12 AHUNOLD 590.4 JERNST 590.423.4 JAUSTIN 590.423.4 DAUSTIN 590.423.4 PATABAL 590.423.4 DLORENTZ 590.423.5 SMAVRIS 515.123.5	.1344.42927 44.1344.619 344.429018 7.4561 1 4562 1 63 198 64 198 4565 1 127.4566 8888 1 1987-0 23.5555 23.4567 568 19 569 19 1560 18 3.5567 7777 1	78 1987-08-03 S 1268 1987-08-04 1987-08-05 SA 1987-07-01 PU_ 1987-07-02 PU_C 7-07-03 PU_CLE 37-07-04 PU_CLE 1987-07-06 P 987-09-29 PR_R 09-27 MK_REP 1987-09-26 MK 1987-06-20 IT_ 87-06-21 IT_PRC 1987-06-22 IT_PRC 1987-06-23 IT_PRC 1987-06-24 IT_P 1987-06-24 IT_PRC	A_MAN SA_MAN SA_MAN SA_MAN	12000.00 11000.00 10500.00 1000.00 1000.00 1000.00 1000.00 2500.00 2500.00 0.00 0.00 0.00 0.00 0.00 0.00	0.30 0 0.3 0.20 0.00 0.00 0.00 0.00 1 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00	100 100 100 100 114 114 114 114 101 100	80 80 80 80 80 80 80 80
1. 1. 1. 1. 1. 1. 1. 1.	47 Alberto 48 Gerald 49 Eleni 14 Den 15 Alexani 16 Shelli 17 Sigal 18 Guy 19 Karen 04 Herma 02 Pat 01 Michae 03 Alexan 04 Bruce 05 David 06 Valli 07 Diana 03 Susan 08 Nancy	Errazuriz L. Cambrault Zlotkey E Raphaely der Khoo Baida St Tobias St Tobias St Tobias St Tobias St Tobias St Himuro Colmenares Fay PE Hartstein der Hunold Ernst B Austin E Pataballa V Lorentz Mavris Greenberg	AERRAZUR 011.44 GCAMBRAU 011.4 ZLOTKEY 011.44.1 DRAPHEAL 515.127 AKHOO 515.127.45 TOBIAS 515.127.45 TOBIAS 515.127.45 HISTORY 515.127 KCOLMENA 515.127 KCOLMENA 515.123 HISTORY 603.123.6666 MHARTSTE 515.123 AHUNOLD 590.423.4 AUSTIN 590.423.4 CAUSTIN 590.4 CAUSTIN 590.4 CAUSTIN 590.4 CAUSTIN 590.4 CAUST	.1344.42927 44.1344.619 344.429018 7.4561 1 4562 1 63 198 64 198 4565 1 127.4566 8888 1 1987-0 23.5555 23.4567 568 19 569 19 569 19 560 18 3.5567 7777 1 124.4569	78 1987-08-03 S 1268 1987-08-04 1987-08-05 SA 1987-07-01 PU_ 1987-07-02 PU_C 1987-07-04 PU_CLE 1987-07-05 PU_C 1987-07-06 PU_S 1987-07-26 MK_REP 1987-09-26 MK_ 1987-06-20 IT_ 1987-06-21 TPC 1987-06-21 TPC 1987-06-24 TPC 1987-06-24 TPC 1987-06-25 FI	AMAN SA_MAN SA_MAN SA_MAN MAN	12000.00 11000.00 11000.00 10500.00 1000.00 00.00 00.00 2500.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00	0.30 0 0.3 0.20 0.00 0.00 0.00 0.00 1 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00	100 100 100 100 114 114 114 101 102 103 103 101 101	80 80 80 80 80 80 80 80
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	47 Alberto 48 Gerald 49 Eleni 14 Den 15 Alexan 16 Shelli 17 Sigal 18 Guy 19 Karen 04 Herma 02 Pat 01 Michae 03 Alexan 04 Bruce 05 David 06 Valli 07 Diana 03 Susan 08 Nancy 09 Daniel	Errazuriz L Cambrault Zlotkey E Raphaely der Khoo Baida St Tobias St Colmenares Fay PE Hartstein der Hunold Ernst B Austin E Pataballa V Lorentz I Mavris Greenberg Faviet D	AERRAZUR 011.44 GCAMBRAU 011.4 JCAMBRAU 011.4 JCAPHEAL 515.12 AKHOO 515.127.45 TOBIAS 515.127.45 GHIMURO 515.127.45 JCOLMENA 515.127.45 JCOLMENA 515.123.4666 MHARTSTE 515.123.4666 MHARTSTE 515.123.46666 MHARTSTE 515.124.40 JCAPHEAL 590.423.49 	.1344.42927 44.1344.619 344.429018 7.4561 1 4.4562 1 63 1198 64 1198 64 127.4566 8888 1 127.4566 8888 1 1987-0 23.5555 23.4567 568 19 5569 19 5560 19 5560 19 5560 19 5560 19 5560 19 5560 19 5560 19 5560 19	78 1987-08-03 S 1268 1987-08-04 1987-08-05 SA 1987-07-01 PU_0 1987-07-02 PU_C 17-07-03 PU_CLE 1987-07-04 PU_CLE 1987-07-05 PU_C 1987-07-06 PU_C 1987-07-06 PU_C 1987-07-06 MK_REP 1987-09-29 MK_REP 1987-09-26 MK_NEP 1987-06-21 IT_PRO 1987-06-21 IT_PRO 1987-06-23 IT_PRO 1987-06-24 IT_PRO 1987-06-25 IT_PRO 1987-06-25 IT_PRO 1987-06-26 IT_RO 1987-06-26 IT_RO 1987-06-26 IT_RO 1987-06-26 IT_RO	A_MAN SA_MAN SA_MAN SA_MAN	12000.00 11000.00 11000.00 10500.00 1000.00 00.00 00.00 2500.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00	0.30 0.20 0.30 0.20 0.00 0.00 1 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00	100 100 100 100 114 114 114 114 101 102 103 103 101 108	80 80 80 80 80 80 80 80
1. 1. 1. 1. 1. 1. 1. 1.	47 Alberto 48 Gerald 49 Eleni 14 Den 15 Alexani 16 Shelli 17 Sigal 18 Guy 19 Karen 04 Herma 02 Pat 01 Michae 03 Alexan 04 Bruce 05 David 06 Valli 07 Diana 03 Susan 08 Nancy 09 Daniel 10 John	Errazuriz L. Cambrault Zlotkey E Raphaely der Khoo St Tobias St	AERRAZUR 011.44 GCAMBRAU 011.4 CAMBRAU 011.4 CAMBRAU 011.4 CAPHEAL 515.127 AKHOO 515.127.45 BAIDA 515.127.45 GHIMURO 515.127.45 GHIMURO 515.123.6666 MHARTSTE 515.123.6666 MHARTSTE 515.12 AHUNOLD 590.423.4 CAPUR 590.423.4 CAPUR 590.423.4 CAPUR 590.423.4 CAPUR 590.423.4 CAPUR 590.423.4 CAPUR 590.423.4 CAPUR 515.123.4 CHEN 515.124.4 CHEN 515.124.4 CHEN 515.124.4	.1344.42927 44.1344.619 344.429018 7.4561 1 .4562 1 .63 198 .664 198 .4565 1 127.4566 8888 1 1987-0 23.5555 23.4567 568 19 .569 19 .560 19 .7777 1 124.4569 169 198	78 1987-08-03 S 1268 1987-08-04 1987-08-05 SA 1987-07-01 PU_0 1987-07-02 PU_C 17-07-03 PU_CLE 1987-07-05 PU_C 1987-07-06 PU_C 1987-07-06 PU_S 1987-09-29 PR_R 1987-09-26 MK_REP 1987-06-20 IT_RC 1987-06-21 IT_PRC 1987-06-23 IT_PRC 1987-06-24 IT_PRC 1987-06-25 FI_RC 1987-06-26 FI_RC 1987-06-26 FI_RC 187-06-27 FI_RC	A_MAN SA_MAN SA_MAN SA_MAN MAN	12000.00 11000.00 10500.00 10500.00 1000.00 00.00 00.00 2500.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00	0.30 0.20 0.30 0.20 0.00 0.00 0.00 0.00 1 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00	100 100 100 100 114 114 114 114 101 102 103 103 101 108 100	80 80 80 80 80 80 80 80
1. 1. 1. 1. 1. 1. 1. 1.	47 Alberto 48 Gerald 49 Eleni 14 Den 15 Alexan 16 Shelli 17 Sigal 18 Guy 19 Karen 04 Herma 02 Pat 01 Michae 03 Alexan 04 Bruce 05 David 07 Diana 03 Susan 08 Nancy 09 Daniel 10 John 11 Ismael	Errazuriz L Cambrault Zlotkey E Raphaely der Khoo S Tobias S Tobias S Colmenares S Himuro Colmenares Fay PF Hartstein der Hunold Ernst B Austin E Pataballa V Lorentz Mavris Greenberg Faviet Chen J Sciarra Is	AERRAZUR 011.44 GCAMBRAU 011.4 CAMBRAU 011.4 CAMBRAU 011.4 CAMBRAU 011.4 DRAPHEAL 515.127 BAIDA 515.127.4 GHIMURO 515.127.4 GHIMURO 515.127.4 GHIMURO 515.123.4 HBAER 515.123.6 AY 603.123.6666 MHARTSTE 515.12 AHUNOLD 590.4 ERNST 590.423.4 PATABAL 590.423.4 PATABAL 590.423.4 PATABAL 590.423.4 PATABAL 590.423.4 PATABAL 590.423.4 PATABAL 590.423.4 PATABAL 590.423.4 PATABAL 590.423.4 PATABAL 590.423.4 PATABAL 590.423.4 PATABAL 590.423.4 PATABAL 590.423.4 PATABAL 590.423.4 PATABAL 590.423.4 PATABAL 590.423.4 PATABAL 590.423.4 PATABAL 590.423.4 SAMAVRIS 515.124.4 CHEN 515.124.4 SCIARRA 515.124.4	.1344.42927 44.1344.619 344.429018 7.4561 1 .4562 1 63 198 64 198 .4565 1 127.4566 8888 1 1987-0 23.5555 23.4567 568 19 .569 19 .560 15 .7777 1 124.4569 169 198 .69 198 .69 198	78 1987-08-03 S 1268 1987-08-04 1987-08-05 SA 1987-07-01 PU_0 1987-07-02 PU_C 7-07-03 PU_CLE 1987-07-05 PU_C 1987-07-06 PU_C 1987-07-06 PR_R 1987-09-29 PR_R 1987-09-29 PR_R 1987-06-20 IT_R 1987-06-21 IT_PRC 1987-06-21 IT_PRC 1987-06-23 IT_PRC 1987-06-24 IT_PRC 1987-06-25 FI_ACC 1987-06-26 FI_ACC 1987-06-28 FI_ACC 1987-06-28 FI_ACC	A_MAN SA_MAN SA_MAN SA_MAN MAN	12000.00 11000.00 10500.00 10500.00 1000.00 00.00 00.00 2500.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 12000.00 12000.00 12000.00 12000.00	0.30 0.20 0.30 0.20 0.00 0.00 1 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00	100 100 100 100 114 114 114 114 101 102 103 103 101 108 108 108 108 108 108 108 108 108 108 108 108 108 108 108 100	80 80 80 80 80 80 80 80
1. 1. 1. 1. 1. 1. 1. 1.	47 Alberto 48 Gerald 49 Eleni 14 Den 15 Alexan 16 Shelli 17 Sigal 18 Guy 19 Karen 04 Herma 02 Pat 01 Michae 03 Alexan 04 Bruce 05 David 06 Valli 07 Diana 07 Diana 08 Nancy 09 Daniel 10 John 11 Ismael 12 Jose M	Errazuriz L Cambrault Zlotkey E Raphaely der Khoo S Tobias Tobias S Tobias S Tobias S Tobias S Tobias S Tobias Tobi	AERRAZUR 011.44 GCAMBRAU 011.4 CAMBRAU 011.4 CAMBRAU 011.4 CAMBRAU 011.4 DRAPHEAL 515.127 BAIDA 515.127.4 GHIMURO 515.127.4 GHIMURO 515.127.4 GHIMURO 515.123.4 HBAER 515.123.4 GO3.123.6666 MHARTSTE 515.12 AHUNOLD 590.4 ERNST 590.423.4 PATABAL 590.423.4 PATABAL 590.423.4 DLORENTZ 590.423.4 DLORENTZ 590.423.4 DLORENTZ 590.423.4 DLORENTZ 590.423.4 DLORENTZ 590.423.4 DLORENTZ 590.423.4 DLORENTZ 590.423.4 DLORENTZ 590.423.4 CHEN 515.124.4 SCIARRA 515.124.4 JMURMAN 515.124.4	.1344.42927 44.1344.619 344.429018 7.4561 1.4562 1.63 1.98 4.4565 1.127.4566 8888 1.1987-6 23.5555 23.4567 1.560 1.98 1.5	78 1987-08-03 S 1268 1987-08-04 1987-08-05 SA 1987-07-01 PU_0 1987-07-02 PU_C 7-07-03 PU_CLE 1987-07-05 PU_C 1987-07-06 P 1987-07-06 P 1987-09-29 PR_R 1987-09-29 PR_R 1987-06-20 IT_RC 1987-06-21 IT_PRC 1987-06-23 IT_PRC 1987-06-24 IT_P 1987-06-25 FI 1987-06-26 FI_ACC 1987-06-28 FI_ACC 1987-06-29 F	A_MAN SA_MAN SA_MAN SA_MAN MAN	12000.00	0.30 0.20 0.30 0.20 0.00	100 100 100 100 114 114 114 114 101 102 103 103 103 101 108	80 80 80 80 80 80 80 80
1.	47 Alberto 48 Gerald 49 Eleni 14 Den 15 Alexan 16 Shelli 17 Sigal 18 Guy 19 Karen 04 Herma 02 Pat 01 Michae 03 Alexan 04 Bruce 05 David 06 Valli 07 Diana 08 Nancy 09 Daniel 10 John 11 Ismael 12 Jose M 13 Luis	Errazuriz L. Cambrault Zlotkey E Raphaely der Khoo Si Tobias Si Tobias Si Himuro Colmenares Si Hartstein der Hunold Ernst B Austin E Pataballa V Lorentz I Mavris Greenberg Faviet E Chen J Sciarra Itanuel Urman Popp LF	AERRAZUR 011.44 GCAMBRAU 011.4 GCAMBRAU 011.4 CAMBRAU CA	.1344.42927 44.1344.619 344.429018 7.4561 1.4562 1.664 1.98 4.4565 1.127.4566 8888 1.1987-6 23.5555 23.4567 1.98 4.569 1.	78 1987-08-03 S 1268 1987-08-04 1987-08-05 SA 1987-07-01 PU_ 1987-07-02 PU_C 7-07-03 PU_CLE 37-07-05 PU_C 1987-07-06 P 987-09-29 PR_R 1987-09-26 MK_ 1987-06-20 IT_ 87-06-21 IT_PRO 1987-06-22 IT_PRO 1987-06-23 IT_PRO 1987-06-25 FI 1987-06-25 FI 37-06-26 FI_ACCO 1987-06-29 F 7-06-30 FI_ACCO	A_MAN SA_MAN SA_MAN SA_MAN MAN	12000.00	0.30 0.20 0.30 0.20 0.00 0.00 1 0.00 0.00	100 100 100 100 114 114 114 114 101 102 103 103 103 103 108	80 80 80 80 80 80 80 80
1.	47 Alberto 48 Gerald 49 Eleni 14 Den 15 Alexan 16 Shelli 17 Sigal 17 Sigal 18 Guy 19 Karen 104 Herma 102 Pat 101 Michae 103 Alexan 104 Bruce 105 David 106 Valli 107 Diana 108 Nancy 109 Daniel 110 John 111 Ismael 112 Jose M 13 Luis 101 Neena	Errazuriz L. Cambrault Zlotkey E Raphaely der Khoo Si Tobias Si Tobias Si Himuro C Colmenares Si Hartstein der Hunold Ernst B Austin E Pataballa V Lorentz I Mavris Greenberg Faviet E Chen J Sciarra It sanuel Urman Popp LF Kochhar	AERRAZUR 011.44 GCAMBRAU 011.4 GCAMBRAU 011.4 CAMBRAU	.1344.42927 44.1344.619 344.429018 7.4561 1 4562 1 63 198 644 198 64565 1 127.4566 8888 1 1987-6 23.5555 23.4567 568 19 569 19 669 19 69 19 69 19 69 19 69 19 69 19 69 19 124.4469 67 1987 123.4568	78 1987-08-03 S 1268 1987-08-04 1987-08-05 SA 1987-07-01 PU_ 1987-07-02 PU_C 7-07-03 PU_CLE 37-07-04 PU_CLE 1987-07-05 PU_C 1987-07-06 P 987-09-29 PR_R 1987-09-29 PR_R 1987-06-20 IT_RC 1987-06-21 IT_PRC 1987-06-23 IT_PRC 1987-06-24 IT_PRC 1987-06-25 FI 1987-06-26 FI_ACC 1987-06-29 F 1987-06-29 F 1987-06-29 F 1987-06-29 F 1987-06-29 F	A_MAN SA_MAN SA_MAN SA_MAN SA_MAN MAN	12000.00	0.30 0.20 0.30 0.20 0.00	100 100 100 100 114 114 114 114 101 102 103 103 103 101 108 108 108 108 100 108 100 100	80 80 80 80 80 80 80 80
1.	47 Alberto 48 Gerald 49 Eleni 14 Den 15 Alexani 16 Shelli 17 Sigal 18 Guy 19 Karen 04 Herma 02 Pat 01 Michae 03 Alexan 04 Bruce 05 David 06 Valli 07 Diana 03 Susan 08 Nancy 09 Daniel 10 John 11 Ismael 12 Jose M 13 Luis 01 Neena 02 Lex	Errazuriz L. Cambrault Zlotkey E Raphaely der Khoo Baida Si Tobias Si Himuro Colmenares Fay PE Hartstein der Hunold Ernst B Austin E Pataballa V Lorentz I Mavris Greenberg Faviet Chen J Sciarra Isanuel Urman Popp LF Kochhar De Haan	AERRAZUR 011.44 GCAMBRAU 011.4 GCAMBRAU 011.4 CAMBRAU	.1344.42927 44.1344.619 344.429018 7.4561 .4562 1 63 198 644 198 64565 1 127.4566 8888 1 1987-6 23.5555 23.4567 568 19 569 19 669 19 69 198 69 19 69 198 124.4469 67 1987 124.4569 1	78 1987-08-03 S 1268 1987-08-04 1987-08-05 SA 1987-07-01 PU_ 1987-07-02 PU_C 7-07-03 PU_CLE 37-07-05 PU_C 1987-07-06 P 987-07-06 P 987-09-29 PR_R 1987-06-20 IT_ 87-06-21 IT_PRO 1987-06-24 IT_PRO 1987-06-24 IT_PRO 1987-06-25 FI 37-06-26 FI_ACC 1987-06-29 F 1987-06-29 F 1987-06-29 F 1987-06-29 F 1987-06-29 F	A_MAN SA_MAN SA_MAN SA_MAN MAN	12000.00	0.30 0.20 0.30 0.20 0.00 0.00 1 0.00 1 0.00 0.00	100 100 100 100 114 114 114 114 101 102 103 103 103 103 101 108 108 108 108 108 100 100	80 80 80 80 80 80 80 80
1. 1. 1. 1. 1. 1. 1. 1.	47 Alberto 48 Gerald 49 Eleni 14 Den 15 Alexan 16 Shelli 17 Sigal 18 Guy 19 Karen 104 Herma 102 Pat 101 Michae 103 Alexan 104 Bruce 105 David 106 Valli 107 Diana 108 Nancy 109 Daniel 110 John 111 Ismael 112 Jose M 13 Luis 101 Neena 102 Lex 100 Steven	Errazuriz L. Cambrault Zlotkey E Raphaely der Khoo Baida Si Tobias Si Himuro Colmenares Fay PE Hartstein der Hunold Ernst B Austin E Pataballa V Lorentz I Mavris Greenberg Faviet C Chen J Sciarra Isanuel Urman Popp LF Kochhar De Haan King Si	AERRAZUR 011.44 GCAMBRAU 011.4 GCAMBRAU 011.4 CAMBRAU	.1344.42927 44.1344.619 344.429018 7.4561 .4562 1 63 198 644 198 64565 1 127.4566 8888 1 1987-6 23.5555 23.4567 568 19 569 19 569 19 69 198 1369 19 124.4469 67 198 123.4568 .4569 1	78 1987-08-03 S 1268 1987-08-04 1987-08-05 SA 1987-07-01 PU_ 1987-07-02 PU_C 7-07-03 PU_CLE 37-07-05 PU_C 1987-07-06 P 987-07-06 P 987-09-29 PR_R 1987-06-20 IT_ 87-06-21 IT_PRO 1987-06-24 IT_PRO 1987-06-25 FI 387-06-26 FI_ACC 387-06-27 FI_ACC 1987-06-29 F 7-06-30 FI_ACC 1987-06-18 AL 1987-06-19 AD_N 7-06-17 AD_PRE	A_MAN SA_MAN SA_MAN SA_MAN MAN	12000.00 11000.00 11000.00 10500.00 1000.00	0.30 0.20 0.30 0.20 0.00 0.00 1 0.00 1 0.00 0.00	100 100 100 100 114 114 114 114 101 102 103 103 103 103 103 103 108 108 108 108 108 100	80 80 80 80 80 80 80 80
1. 1. 1. 1. 1. 1. 1. 1.	47 Alberto 48 Gerald 49 Eleni 14 Den 15 Alexani 16 Shelli 17 Sigal 18 Guy 19 Karen 04 Herma 02 Pat 01 Michae 03 Alexan 04 Bruce 05 David 10 Valli 10 John 11 Ismael 12 Jose M 13 Luis 13 Luis 14 Neena 15 Lex 16 Steven 17 Steven 18 Jonife	Errazuriz L. Cambrault Zlotkey E Raphaely der Khoo Baida St Tobias St Tobias St Tobias St Himuro (Colmenares nn Baer Fay PE Hartstein der Hunold Ernst B Austin E Pataballa V Lorentz I Mavris Greenberg Faviet E Chen J Sciarra Itanuel Urman Popp LF Kochhar De Haan King St Whalen St Whalen St St St St St St St S	AERRAZUR 011.44 GCAMBRAU 011.4 GCAMBRAU 011.4 CZLOTKEY 011.44.1 DRAPHEAL 515.12 AKHOO 515.127.45 SHIMURO 515.127.45 COLOMBRA 515.123.666 MHARTSTE 515.12 AHUNOLD 590.42 APATABAL 590.423.4 CATABAL 515.124.4 CATABAL CAT	.1344.42927 44.1344.619 344.429018 7.4561 1 4.4562 1 63 1198 64 1198 64 127.4566 8888 1	78 1987-08-03 S 1268 1987-08-04 1987-08-05 SA 1987-07-01 PU_0 1987-07-02 PU_C 1987-07-03 PU_CLE 1987-07-05 PU_CLE 1987-07-05 PU_C 1987-07-06 PU_S 1987-07-06 PU_S 1987-07-06 MK_REP 1987-09-26 MK_REP 1987-08-20 IT_RC 1987-06-21 IT_PC 1987-06-21 IT_PC 1987-06-23 IT_PC 1987-06-24 IT_PC 1987-06-25 FI_ACC 1987-06-28 FI_ACC 1987-06-29 F 7-06-30 FI_ACC 1987-06-19 AD_V 1987-06-19 AD_V 1987-06-19 AD_V 1987-06-19 AD_V 1987-06-19 AD_V 1987-06-19 AD_V 1987-06-19 AD_V 1987-06-19 AD_V 1987-06-19 AD_V 1987-09-25 AD_	AMAN SA_MAN SA_MAN SA_MAN SA_MAN MAN	12000.00	0.30 0.20 0.30 0.20 0.00 0.00 1 0.00 1 0.00 0.00	100 100 100 100 114 114 114 114 101 102 103 103 103 103 108 108 108 108 108 100	80 80 80 80 80 80 80 80
1. 1. 1. 1. 1. 1. 1. 1.	47 Alberto 48 Gerald 49 Eleni 14 Den 15 Alexani 16 Shelli 17 Sigal 18 Guy 19 Karen 04 Herma 02 Pat 01 Michae 03 Alexan 04 Bruce 05 David 06 Valli 07 Diana 03 Susan 08 Nancy 09 Daniel 10 John 11 Ismael 12 Jose M 13 Luis 01 Neena 02 Lex 00 Steven 00 Jennife 05 Shelley	Errazuriz L. Cambrault Zlotkey E Raphaely der Khoo Baida St Tobias Tobias St Tobias St Tobias St Tobias St Tobias	AERRAZUR 011.44 GCAMBRAU 011.4 GCAMBRAU 011.4 CAMBRAU CA	.1344.42927 44.1344.619 344.429018 7.4561 1 .4562 1 .63 198 .664 198 .4565 1 127.4566 8888 1	78 1987-08-03 S 1268 1987-08-04 1987-08-05 SA 1987-07-01 PU_0 1987-07-02 PU_C 7-07-03 PU_CLE 1987-07-05 PU_C 1987-07-06 PU_C 1987-07-06 PU_C 1987-07-06 PU_C 1987-09-29 PR_R 1987-09-26 MK_REP 1987-09-26 MK_REP 1987-06-21 IT_PRO 1987-06-23 IT_PRO 1987-06-24 IT_PRO 1987-06-25 FI_ACC 1987-06-26 FI_ACC 1987-06-29 FI_ACC 1987-06-29 FI_ACC 1987-06-29 FI_ACC 1987-06-29 FI_ACC 1987-06-29 FI_ACC 1987-06-29 FI_ACC 1987-06-29 FI_ACC 1987-06-29 FI_ACC 1987-06-29 FI_ACC 1987-06-29 FI_ACC 1987-06-29 FI_ACC 1987-06-29 FI_ACC 1987-06-29 FI_ACC 1987-06-29 FI_ACC 1987-06-29 FI_ACC 1987-06-29 FI_ACC 1987-06-19 AD_N 1987-09-25 AD_N 1987-09-30 AC_N	A_MAN SA_MAN SA_MAN SA_MAN MAN	12000.00	0.30 0.20 0.30 0.20 0.00 0.00 1 0.00 1 0.00 0.00	100 100 100 114 114 114 114 114 101 102 103 103 103 108 108 108 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 101 101 101 101 101 100 100 100 100 100 100 100 100 101 101 101 101 101 101 101 101 101 101 101 101 101 101 101 100 101 101 101 101 100 101 101 101 101 100 101 101 101 100 100 101 101 101 100 100 101 101 101 100 101 101 101 100 100 101 101 101 100 100 101 101 101 101 100 100 101 101 101 100 100 101	80 80 80 80 80 80 80 80
1. 1. 1. 1. 1. 1. 1. 1.	47 Alberto 48 Gerald 49 Eleni 14 Den 15 Alexani 16 Shelli 17 Sigal 18 Guy 19 Karen 04 Herma 02 Pat 01 Michae 03 Alexan 04 Bruce 05 David 10 Valli 10 John 11 Ismael 12 Jose M 13 Luis 13 Luis 14 Neena 15 Lex 16 Steven 17 Steven 18 Jonife	Errazuriz L. Cambrault Zlotkey E Raphaely der Khoo Baida St Tobias Tobias St Tobias St Tobias St Tobias St Tobias	AERRAZUR 011.44 GCAMBRAU 011.4 GCAMBRAU 011.4 CZLOTKEY 011.44.1 DRAPHEAL 515.12 AKHOO 515.127.45 SHIMURO 515.127.45 COLOMBRA 515.123.666 MHARTSTE 515.12 AHUNOLD 590.42 APATABAL 590.423.4 CATABAL 515.124.4 CATABAL CAT	.1344.42927 44.1344.619 344.429018 7.4561 1 .4562 1 .63 198 .664 198 .4565 1 127.4566 8888 1	78 1987-08-03 S 1268 1987-08-04 1987-08-05 SA 1987-07-01 PU_0 1987-07-02 PU_C 1987-07-03 PU_CLE 1987-07-05 PU_CLE 1987-07-05 PU_C 1987-07-06 PU_S 1987-07-06 PU_S 1987-07-06 MK_REP 1987-09-26 MK_REP 1987-08-20 IT_RC 1987-06-21 IT_PC 1987-06-21 IT_PC 1987-06-23 IT_PC 1987-06-24 IT_PC 1987-06-25 FI_ACC 1987-06-28 FI_ACC 1987-06-29 F 7-06-30 FI_ACC 1987-06-19 AD_V 1987-06-19 AD_V 1987-06-19 AD_V 1987-06-19 AD_V 1987-06-19 AD_V 1987-06-19 AD_V 1987-06-19 AD_V 1987-06-19 AD_V 1987-06-19 AD_V 1987-09-25 AD_	A_MAN SA_MAN SA_MAN SA_MAN MAN	12000.00	0.30 0.20 0.30 0.20 0.00 0.00 1 0.00 1 0.00 0.00	100 100 100 114 114 114 114 101 102 103 103 103 108 108 108 108 100	80 80 80 80 80 80 80 80

9. Display details of the employees where commission percentage is null and salary in the range 5000 to 10000 and department is 30.

mysql> SELECT * FROM employees WHERE (COMMISSION_PCT = 'NULL') AND (SALARY BETWEEN 5000 AND 10000) AND (DEPARTMENT_ID=30); Empty set, 1 warning (0.00 sec)

10. Display employees first_name,email who are working in "Executive" department.

mysql> SELECT FIRST_NAME, EMAIL from employees WHERE DEPARTMENT_ID=90;

++						
FIRST_NAME EMAIL						
+	++					
Steven SKING						
Neena NKOCHHAR						
Lex LDEHAAN						
++						

11. Display unique contry_id from locations table.

mysql> SELECT DISTINCT COUNTRY_ID FROM locations;

-	-
+	+
COUN	NTRY_ID
+	+
Ι"	
AU	
BR	
CA	
CH	1
CN	1
DE	
IN	
IT	ĺ
JP	
NL	1
Ox	1
SG	1
UK	
US	
+	+

12. Display all employees whose have job_id IT_PROG and FI_ACCOUNT.

mysql> SELECT * FROM employees WHERE JOB_ID ='FI_ACCOUNT' AND JOB_ID ='IT_PROG'; Empty set (0.00 sec)

13. Display all countries in ascending order.

mysql> SELECT * FROM countries ORDER BY COUNTRY_NAME;

,	+	
COUN	ITRY_ID COUNTRY_NAME	REGION_ID
+	++	
AR	Argentina 2	
AU	Australia 3	
BE	Belgium 1	
BR	Brazil 2	
CA	Canada 2	
CN	China 3	
DK	Denmark 1	
EG	Egypt 4	
FR	France 1	
DE	Germany 1	
HK	HongKong 3	
IN	India 3	
IL	Israel 4	
IT	Italy 1	
JP	Japan 3	
KW	Kuwait 4	
MX	Mexico 2	
NL	Netherlands 1	
NG	Nigeria 4	
SG	Singapore 3	
CH	Switzerland 1	
UK	United Kingdom 1	
US		2
ZM	Zambia 4	
ZW	Zimbabwe 4	
+	++	