Enter password: \*\*\*\*\*\*\*\*\*

Welcome to the MySQL monitor. Commands end with ; or \g.

Your MySQL connection id is 26

Server version: 5.5.44 MySQL Community Server (GPL)

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affiliates. Other names may be trademarks of their respective

owners.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql> select \*from employees

-> select \*from employees;

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'select \*from employees' at line 2

mysql> select \* from employees;

ERROR 1046 (3D000): No database selected

mysql> use main

Database changed

mysql> select \* from employees;

+-------------+-------------+-------------+----------+--------------------+------------+------------+-----------+----------------+------------+---------------+

| EMPLOYEE\_ID | FIRST\_NAME | LAST\_NAME | EMAIL | PHONE\_NUMBER | HIRE\_DATE | JOB\_ID | SALARY | COMMISSION\_PCT | MANAGER\_ID | DEPARTMENT\_ID |

+-------------+-------------+-------------+----------+--------------------+------------+------------+-----------+----------------+------------+---------------+

| 100 | Steven | King | SKING | 515.123.4567 | 1987-06-17 | AD\_PRES | 24000.00 | 0.00 | 0 | 90 |

| 101 | Neena | Kochhar | NKOCHHAR | 515.123.4568 | 1987-06-18 | AD\_VP | 17000.00 | 0.00 | 100 | 90 |

| 102 | Lex | De Haan | LDEHAAN | 515.123.4569 | 1987-06-19 | AD\_VP | 150000.00 | 0.00 | 100 | 90 |

| 103 | Alexander | Hunold | AHUNOLD | 590.423.4567 | 1987-06-20 | IT\_PROG | 9000.00 | 0.00 | 102 | 60 |

| 104 | Bruce | Ernst | BERNST | 590.423.4568 | 1987-06-21 | IT\_PROG | 6000.00 | 0.00 | 103 | 60 |

| 105 | David | Austin | DAUSTIN | 590.423.4569 | 1987-06-22 | IT\_PROG | 4800.00 | 0.00 | 103 | 60 |

| 106 | Valli | Pataballa | VPATABAL | 590.423.4560 | 1987-06-23 | IT\_PROG | 4800.00 | 0.00 | 103 | 60 |

| 107 | Diana | Lorentz | DLORENTZ | 590.423.5567 | 1987-06-24 | IT\_PROG | 4200.00 | 0.00 | 103 | 60 |

| 108 | Nancy | Greenberg | NGREENBE | 515.124.4569 | 1987-06-25 | FI\_MGR | 12000.00 | 0.00 | 101 | 100 |

| 109 | Daniel | Faviet | DFAVIET | 515.124.4169 | 1987-06-26 | FI\_ACCOUNT | 9000.00 | 0.00 | 108 | 100 |

| 110 | John | Chen | JCHEN | 515.124.4269 | 1987-06-27 | FI\_ACCOUNT | 8200.00 | 0.00 | 108 | 100 |

| 111 | Ismael | Sciarra | ISCIARRA | 515.124.4369 | 1987-06-28 | FI\_ACCOUNT | 7700.00 | 0.00 | 108 | 100 |

| 112 | Jose Manuel | Urman | JMURMAN | 515.124.4469 | 1987-06-29 | FI\_ACCOUNT | 7800.00 | 0.00 | 108 | 100 |

| 113 | Luis | Popp | LPOPP | 515.124.4567 | 1987-06-30 | FI\_ACCOUNT | 6900.00 | 0.00 | 108 | 100 |

| 114 | Den | Raphaely | DRAPHEAL | 515.127.4561 | 1987-07-01 | PU\_MAN | 11000.00 | 0.00 | 100 | 30 |

| 115 | Alexander | Khoo | AKHOO | 515.127.4562 | 1987-07-02 | PU\_CLERK | 3100.00 | 0.00 | 114 | 30 |

| 116 | Shelli | Baida | SBAIDA | 515.127.4563 | 1987-07-03 | PU\_CLERK | 2900.00 | 0.00 | 114 | 30 |

| 117 | Sigal | Tobias | STOBIAS | 515.127.4564 | 1987-07-04 | PU\_CLERK | 2800.00 | 0.00 | 114 | 30 |

| 118 | Guy | Himuro | GHIMURO | 515.127.4565 | 1987-07-05 | PU\_CLERK | 2600.00 | 0.00 | 114 | 30 |

| 119 | Karen | Colmenares | KCOLMENA | 515.127.4566 | 1987-07-06 | PU\_CLERK | 2500.00 | 0.00 | 114 | 30 |

| 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 |

| 126 | Irene | Mikkilineni | IMIKKILI | 650.124.1224 | 1987-07-13 | ST\_CLERK | 2700.00 | 0.00 | 120 | 50 |

| 127 | James | Landry | JLANDRY | 650.124.1334 | 1987-07-14 | ST\_CLERK | 2400.00 | 0.00 | 120 | 50 |

| 128 | Steven | Markle | SMARKLE | 650.124.1434 | 1987-07-15 | ST\_CLERK | 2200.00 | 0.00 | 120 | 50 |

| 129 | Laura | Bissot | LBISSOT | 650.124.5234 | 1987-07-16 | ST\_CLERK | 3300.00 | 0.00 | 121 | 50 |

| 130 | Mozhe | Atkinson | MATKINSO | 650.124.6234 | 1987-07-17 | ST\_CLERK | 2800.00 | 0.00 | 121 | 50 |

| 131 | James | Marlow | JAMRLOW | 650.124.7234 | 1987-07-18 | ST\_CLERK | 2500.00 | 0.00 | 121 | 50 |

| 132 | TJ | Olson | TJOLSON | 650.124.8234 | 1987-07-19 | ST\_CLERK | 2100.00 | 0.00 | 121 | 50 |

| 133 | Jason | Mallin | JMALLIN | 650.127.1934 | 1987-07-20 | ST\_CLERK | 3300.00 | 0.00 | 122 | 50 |

| 134 | Michael | Rogers | MROGERS | 650.127.1834 | 1987-07-21 | ST\_CLERK | 2900.00 | 0.00 | 122 | 50 |

| 135 | Ki | Gee | KGEE | 650.127.1734 | 1987-07-22 | ST\_CLERK | 2400.00 | 0.00 | 122 | 50 |

| 136 | Hazel | Philtanker | HPHILTAN | 650.127.1634 | 1987-07-23 | ST\_CLERK | 2200.00 | 0.00 | 122 | 50 |

| 137 | Renske | Ladwig | RLADWIG | 650.121.1234 | 1987-07-24 | ST\_CLERK | 3600.00 | 0.00 | 123 | 50 |

| 138 | Stephen | Stiles | SSTILES | 650.121.2034 | 1987-07-25 | ST\_CLERK | 3200.00 | 0.00 | 123 | 50 |

| 139 | John | Seo | JSEO | 650.121.2019 | 1987-07-26 | ST\_CLERK | 2700.00 | 0.00 | 123 | 50 |

| 140 | Joshua | Patel | JPATEL | 650.121.1834 | 1987-07-27 | ST\_CLERK | 2500.00 | 0.00 | 123 | 50 |

| 141 | Trenna | Rajs | TRAJS | 650.121.8009 | 1987-07-28 | ST\_CLERK | 3500.00 | 0.00 | 124 | 50 |

| 142 | Curtis | Davies | CDAVIES | 650.121.2994 | 1987-07-29 | ST\_CLERK | 3100.00 | 0.00 | 124 | 50 |

| 143 | Randall | Matos | RMATOS | 650.121.2874 | 1987-07-30 | ST\_CLERK | 2600.00 | 0.00 | 124 | 50 |

| 144 | Peter | Vargas | PVARGAS | 650.121.2004 | 1987-07-31 | ST\_CLERK | 2500.00 | 0.00 | 124 | 50 |

| 145 | John | Russell | JRUSSEL | 011.44.1344.429268 | 1987-08-01 | SA\_MAN | 14000.00 | 0.40 | 100 | 80 |

| 146 | Karen | Partners | KPARTNER | 011.44.1344.467268 | 1987-08-02 | SA\_MAN | 13500.00 | 0.30 | 100 | 80 |

| 147 | Alberto | Errazuriz | AERRAZUR | 011.44.1344.429278 | 1987-08-03 | SA\_MAN | 12000.00 | 0.30 | 100 | 80 |

| 148 | Gerald | Cambrault | GCAMBRAU | 011.44.1344.619268 | 1987-08-04 | SA\_MAN | 11000.00 | 0.30 | 100 | 80 |

| 149 | Eleni | Zlotkey | EZLOTKEY | 011.44.1344.429018 | 1987-08-05 | SA\_MAN | 10500.00 | 0.20 | 100 | 80 |

| 150 | Peter | Tucker | PTUCKER | 011.44.1344.129268 | 1987-08-06 | SA\_REP | 10000.00 | 0.30 | 145 | 80 |

| 151 | David | Bernstein | DBERNSTE | 011.44.1344.345268 | 1987-08-07 | SA\_REP | 9500.00 | 0.25 | 145 | 80 |

| 152 | Peter | Hall | PHALL | 011.44.1344.478968 | 1987-08-08 | SA\_REP | 9000.00 | 0.25 | 145 | 80 |

| 153 | Christopher | Olsen | COLSEN | 011.44.1344.498718 | 1987-08-09 | SA\_REP | 8000.00 | 0.20 | 145 | 80 |

| 154 | Nanette | Cambrault | NCAMBRAU | 011.44.1344.987668 | 1987-08-10 | SA\_REP | 7500.00 | 0.20 | 145 | 80 |

| 155 | Oliver | Tuvault | OTUVAULT | 011.44.1344.486508 | 1987-08-11 | SA\_REP | 7000.00 | 0.15 | 145 | 80 |

| 156 | Janette | King | JKING | 011.44.1345.429268 | 1987-08-12 | SA\_REP | 10000.00 | 0.35 | 146 | 80 |

| 157 | Patrick | Sully | PSULLY | 011.44.1345.929268 | 1987-08-13 | SA\_REP | 9500.00 | 0.35 | 146 | 80 |

| 158 | Allan | McEwen | AMCEWEN | 011.44.1345.829268 | 1987-08-14 | SA\_REP | 9000.00 | 0.35 | 146 | 80 |

| 159 | Lindsey | Smith | LSMITH | 011.44.1345.729268 | 1987-08-15 | SA\_REP | 8000.00 | 0.30 | 146 | 80 |

| 160 | Louise | Doran | LDORAN | 011.44.1345.629268 | 1987-08-16 | SA\_REP | 7500.00 | 0.30 | 146 | 80 |

| 161 | Sarath | Sewall | SSEWALL | 011.44.1345.529268 | 1987-08-17 | SA\_REP | 7000.00 | 0.25 | 146 | 80 |

| 162 | Clara | Vishney | CVISHNEY | 011.44.1346.129268 | 1987-08-18 | SA\_REP | 10500.00 | 0.25 | 147 | 80 |

| 163 | Danielle | Greene | DGREENE | 011.44.1346.229268 | 1987-08-19 | SA\_REP | 9500.00 | 0.15 | 147 | 80 |

| 164 | Mattea | Marvins | MMARVINS | 011.44.1346.329268 | 1987-08-20 | SA\_REP | 7200.00 | 0.10 | 147 | 80 |

| 165 | David | Lee | DLEE | 011.44.1346.529268 | 1987-08-21 | SA\_REP | 6800.00 | 0.10 | 147 | 80 |

| 166 | Sundar | Ande | SANDE | 011.44.1346.629268 | 1987-08-22 | SA\_REP | 6400.00 | 0.10 | 147 | 80 |

| 167 | Amit | Banda | ABANDA | 011.44.1346.729268 | 1987-08-23 | SA\_REP | 6200.00 | 0.10 | 147 | 80 |

| 168 | Lisa | Ozer | LOZER | 011.44.1343.929268 | 1987-08-24 | SA\_REP | 11500.00 | 0.25 | 148 | 80 |

| 169 | Harrison | Bloom | HBLOOM | 011.44.1343.829268 | 1987-08-25 | SA\_REP | 10000.00 | 0.20 | 148 | 80 |

| 170 | Tayler | Fox | TFOX | 011.44.1343.729268 | 1987-08-26 | SA\_REP | 9600.00 | 0.20 | 148 | 80 |

| 171 | William | Smith | WSMITH | 011.44.1343.629268 | 1987-08-27 | SA\_REP | 7400.00 | 0.15 | 148 | 80 |

| 172 | Elizabeth | Bates | EBATES | 011.44.1343.529268 | 1987-08-28 | SA\_REP | 7300.00 | 0.15 | 148 | 80 |

| 173 | Sundita | Kumar | SKUMAR | 011.44.1343.329268 | 1987-08-29 | SA\_REP | 6100.00 | 0.10 | 148 | 80 |

| 174 | Ellen | Abel | EABEL | 011.44.1644.429267 | 1987-08-30 | SA\_REP | 11000.00 | 0.30 | 149 | 80 |

| 175 | Alyssa | Hutton | AHUTTON | 011.44.1644.429266 | 1987-08-31 | SA\_REP | 8800.00 | 0.25 | 149 | 80 |

| 176 | Jonathon | Taylor | JTAYLOR | 011.44.1644.429265 | 1987-09-01 | SA\_REP | 8600.00 | 0.20 | 149 | 80 |

| 177 | Jack | Livingston | JLIVINGS | 011.44.1644.429264 | 1987-09-02 | SA\_REP | 8400.00 | 0.20 | 149 | 80 |

| 178 | Kimberely | Grant | KGRANT | 011.44.1644.429263 | 1987-09-03 | SA\_REP | 7000.00 | 0.15 | 149 | 0 |

| 179 | Charles | Johnson | CJOHNSON | 011.44.1644.429262 | 1987-09-04 | SA\_REP | 6200.00 | 0.10 | 149 | 80 |

| 180 | Winston | Taylor | WTAYLOR | 650.507.9876 | 1987-09-05 | SH\_CLERK | 3200.00 | 0.00 | 120 | 50 |

| 181 | 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 |

| 191 | Randall | Perkins | RPERKINS | 650.505.4876 | 1987-09-16 | SH\_CLERK | 2500.00 | 0.00 | 122 | 50 |

| 192 | Sarah | Bell | SBELL | 650.501.1876 | 1987-09-17 | SH\_CLERK | 4000.00 | 0.00 | 123 | 50 |

| 193 | Britney | Everett | BEVERETT | 650.501.2876 | 1987-09-18 | SH\_CLERK | 3900.00 | 0.00 | 123 | 50 |

| 194 | Samuel | McCain | SMCCAIN | 650.501.3876 | 1987-09-19 | SH\_CLERK | 3200.00 | 0.00 | 123 | 50 |

| 195 | Vance | Jones | VJONES | 650.501.4876 | 1987-09-20 | SH\_CLERK | 2800.00 | 0.00 | 123 | 50 |

| 196 | Alana | Walsh | AWALSH | 650.507.9811 | 1987-09-21 | SH\_CLERK | 3100.00 | 0.00 | 124 | 50 |

| 197 | Kevin | Feeney | KFEENEY | 650.507.9822 | 1987-09-22 | SH\_CLERK | 3000.00 | 0.00 | 124 | 50 |

| 198 | 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 |

| 200 | Jennifer | Whalen | JWHALEN | 515.123.4444 | 1987-09-25 | AD\_ASST | 4400.00 | 0.00 | 101 | 10 |

| 201 | Michael | Hartstein | MHARTSTE | 515.123.5555 | 1987-09-26 | MK\_MAN | 13000.00 | 0.00 | 100 | 20 |

| 202 | Pat | Fay | PFAY | 603.123.6666 | 1987-09-27 | MK\_REP | 6000.00 | 0.00 | 201 | 20 |

| 203 | Susan | Mavris | SMAVRIS | 515.123.7777 | 1987-09-28 | HR\_REP | 6500.00 | 0.00 | 101 | 40 |

| 204 | Hermann | Baer | HBAER | 515.123.8888 | 1987-09-29 | PR\_REP | 10000.00 | 0.00 | 101 | 70 |

| 205 | Shelley | Higgins | SHIGGINS | 515.123.8080 | 1987-09-30 | AC\_MGR | 12000.00 | 0.00 | 101 | 110 |

| 206 | William | Gietz | WGIETZ | 515.123.8181 | 1987-10-01 | AC\_ACCOUNT | 8300.00 | 0.00 | 205 | 110 |

| 400 | Pappu | Singh | NULL | NULL | NULL | NULL | 33000.00 | NULL | NULL | NULL |

+-------------+-------------+-------------+----------+--------------------+------------+------------+-----------+----------------+------------+---------------+

108 rows in set (0.00 sec)

mysql> select FIRST\_NAME,left('HIRE\_DATE',4) from employees;

+-------------+---------------------+

| FIRST\_NAME | left('HIRE\_DATE',4) |

+-------------+---------------------+

| Ellen | HIRE |

| Sundar | HIRE |

| Mozhe | HIRE |

| David | HIRE |

| Hermann | HIRE |

| Shelli | HIRE |

| Amit | HIRE |

| Elizabeth | HIRE |

| Sarah | HIRE |

| David | HIRE |

| Laura | HIRE |

| Harrison | HIRE |

| Alexis | HIRE |

| Anthony | HIRE |

| Gerald | HIRE |

| Nanette | HIRE |

| John | HIRE |

| Kelly | HIRE |

| Karen | HIRE |

| Curtis | HIRE |

| Lex | HIRE |

| Julia | HIRE |

| Jennifer | HIRE |

| Louise | HIRE |

| Bruce | HIRE |

| Alberto | HIRE |

| Britney | HIRE |

| Daniel | HIRE |

| Pat | HIRE |

| Kevin | HIRE |

| Jean | HIRE |

| Tayler | HIRE |

| Adam | HIRE |

| Timothy | HIRE |

| Ki | HIRE |

| Girard | HIRE |

| William | HIRE |

| Douglas | HIRE |

| Kimberely | HIRE |

| Nancy | HIRE |

| Danielle | HIRE |

| Peter | HIRE |

| Michael | HIRE |

| Shelley | HIRE |

| Guy | HIRE |

| Alexander | HIRE |

| Alyssa | HIRE |

| Charles | HIRE |

| Vance | HIRE |

| Payam | HIRE |

| Alexander | HIRE |

| Janette | HIRE |

| Steven | HIRE |

| Neena | HIRE |

| Sundita | HIRE |

| Renske | HIRE |

| James | HIRE |

| David | HIRE |

| Jack | HIRE |

| Diana | HIRE |

| Jason | HIRE |

| Steven | HIRE |

| James | HIRE |

| Mattea | HIRE |

| Randall | HIRE |

| Susan | HIRE |

| Samuel | HIRE |

| Allan | HIRE |

| Irene | HIRE |

| Kevin | HIRE |

| Julia | HIRE |

| Donald | HIRE |

| Christopher | HIRE |

| TJ | HIRE |

| Lisa | HIRE |

| Karen | HIRE |

| Valli | HIRE |

| Joshua | HIRE |

| Randall | HIRE |

| Hazel | HIRE |

| Luis | HIRE |

| Trenna | HIRE |

| Den | HIRE |

| Michael | HIRE |

| John | HIRE |

| Nandita | HIRE |

| Ismael | HIRE |

| John | HIRE |

| Sarath | HIRE |

| Pappu | HIRE |

| Lindsey | HIRE |

| William | HIRE |

| Stephen | HIRE |

| Martha | HIRE |

| Patrick | HIRE |

| Jonathon | HIRE |

| Winston | HIRE |

| Sigal | HIRE |

| Peter | HIRE |

| Oliver | HIRE |

| Jose Manuel | HIRE |

| Peter | HIRE |

| Clara | HIRE |

| Shanta | HIRE |

| Alana | HIRE |

| Matthew | HIRE |

| Jennifer | HIRE |

| Eleni | HIRE |

+-------------+---------------------+

108 rows in set (0.00 sec)

mysql> select FIRST\_NAME,left(HIRE\_DATE,4) from employees;

+-------------+-------------------+

| FIRST\_NAME | left(HIRE\_DATE,4) |

+-------------+-------------------+

| Steven | 1987 |

| Neena | 1987 |

| Lex | 1987 |

| Alexander | 1987 |

| Bruce | 1987 |

| David | 1987 |

| Valli | 1987 |

| Diana | 1987 |

| Nancy | 1987 |

| Daniel | 1987 |

| John | 1987 |

| Ismael | 1987 |

| Jose Manuel | 1987 |

| Luis | 1987 |

| Den | 1987 |

| Alexander | 1987 |

| Shelli | 1987 |

| Sigal | 1987 |

| Guy | 1987 |

| Karen | 1987 |

| Matthew | 1987 |

| Adam | 1987 |

| Payam | 1987 |

| Shanta | 1987 |

| Kevin | 1987 |

| Julia | 1987 |

| Irene | 1987 |

| James | 1987 |

| Steven | 1987 |

| Laura | 1987 |

| Mozhe | 1987 |

| James | 1987 |

| TJ | 1987 |

| Jason | 1987 |

| Michael | 1987 |

| Ki | 1987 |

| Hazel | 1987 |

| Renske | 1987 |

| Stephen | 1987 |

| John | 1987 |

| Joshua | 1987 |

| Trenna | 1987 |

| Curtis | 1987 |

| Randall | 1987 |

| Peter | 1987 |

| John | 1987 |

| Karen | 1987 |

| Alberto | 1987 |

| Gerald | 1987 |

| Eleni | 1987 |

| Peter | 1987 |

| David | 1987 |

| Peter | 1987 |

| Christopher | 1987 |

| Nanette | 1987 |

| Oliver | 1987 |

| Janette | 1987 |

| Patrick | 1987 |

| Allan | 1987 |

| Lindsey | 1987 |

| Louise | 1987 |

| Sarath | 1987 |

| Clara | 1987 |

| Danielle | 1987 |

| Mattea | 1987 |

| David | 1987 |

| Sundar | 1987 |

| Amit | 1987 |

| Lisa | 1987 |

| Harrison | 1987 |

| Tayler | 1987 |

| William | 1987 |

| Elizabeth | 1987 |

| Sundita | 1987 |

| Ellen | 1987 |

| Alyssa | 1987 |

| Jonathon | 1987 |

| Jack | 1987 |

| Kimberely | 1987 |

| Charles | 1987 |

| Winston | 1987 |

| Jean | 1987 |

| Martha | 1987 |

| Girard | 1987 |

| Nandita | 1987 |

| Alexis | 1987 |

| Julia | 1987 |

| Anthony | 1987 |

| Kelly | 1987 |

| Jennifer | 1987 |

| Timothy | 1987 |

| Randall | 1987 |

| Sarah | 1987 |

| Britney | 1987 |

| Samuel | 1987 |

| Vance | 1987 |

| Alana | 1987 |

| Kevin | 1987 |

| Donald | 1987 |

| Douglas | 1987 |

| Jennifer | 1987 |

| Michael | 1987 |

| Pat | 1987 |

| Susan | 1987 |

| Hermann | 1987 |

| Shelley | 1987 |

| William | 1987 |

| Pappu | NULL |

+-------------+-------------------+

108 rows in set (0.00 sec)

mysql> select FIRST\_NAME from employees where SALARY>1000;

+-------------+

| FIRST\_NAME |

+-------------+

| Steven |

| Neena |

| Lex |

| Alexander |

| Bruce |

| David |

| Valli |

| Diana |

| Nancy |

| Daniel |

| John |

| Ismael |

| Jose Manuel |

| Luis |

| Den |

| Alexander |

| Shelli |

| Sigal |

| Guy |

| Karen |

| Matthew |

| Adam |

| Payam |

| Shanta |

| Kevin |

| Julia |

| Irene |

| James |

| Steven |

| Laura |

| Mozhe |

| James |

| TJ |

| Jason |

| Michael |

| Ki |

| Hazel |

| Renske |

| Stephen |

| John |

| Joshua |

| Trenna |

| Curtis |

| Randall |

| Peter |

| John |

| Karen |

| Alberto |

| Gerald |

| Eleni |

| Peter |

| David |

| Peter |

| Christopher |

| Nanette |

| Oliver |

| Janette |

| Patrick |

| Allan |

| Lindsey |

| Louise |

| Sarath |

| Clara |

| Danielle |

| Mattea |

| David |

| Sundar |

| Amit |

| Lisa |

| Harrison |

| Tayler |

| William |

| Elizabeth |

| Sundita |

| Ellen |

| Alyssa |

| Jonathon |

| Jack |

| Kimberely |

| Charles |

| Winston |

| Jean |

| Martha |

| Girard |

| Nandita |

| Alexis |

| Julia |

| Anthony |

| Kelly |

| Jennifer |

| Timothy |

| Randall |

| Sarah |

| Britney |

| Samuel |

| Vance |

| Alana |

| Kevin |

| Donald |

| Douglas |

| Jennifer |

| Michael |

| Pat |

| Susan |

| Hermann |

| Shelley |

| William |

| Pappu |

+-------------+

108 rows in set (0.00 sec)

mysql> select FIRST\_NAME,SALARY from employees where SALARY>1000;

+-------------+-----------+

| FIRST\_NAME | SALARY |

+-------------+-----------+

| Steven | 24000.00 |

| Neena | 17000.00 |

| Lex | 150000.00 |

| Alexander | 9000.00 |

| Bruce | 6000.00 |

| David | 4800.00 |

| Valli | 4800.00 |

| Diana | 4200.00 |

| Nancy | 12000.00 |

| Daniel | 9000.00 |

| John | 8200.00 |

| Ismael | 7700.00 |

| Jose Manuel | 7800.00 |

| Luis | 6900.00 |

| Den | 11000.00 |

| Alexander | 3100.00 |

| Shelli | 2900.00 |

| Sigal | 2800.00 |

| Guy | 2600.00 |

| Karen | 2500.00 |

| Matthew | 8000.00 |

| Adam | 8200.00 |

| Payam | 7900.00 |

| Shanta | 6500.00 |

| Kevin | 5800.00 |

| Julia | 3200.00 |

| Irene | 2700.00 |

| James | 2400.00 |

| Steven | 2200.00 |

| Laura | 3300.00 |

| Mozhe | 2800.00 |

| James | 2500.00 |

| TJ | 2100.00 |

| Jason | 3300.00 |

| Michael | 2900.00 |

| Ki | 2400.00 |

| Hazel | 2200.00 |

| Renske | 3600.00 |

| Stephen | 3200.00 |

| John | 2700.00 |

| Joshua | 2500.00 |

| Trenna | 3500.00 |

| Curtis | 3100.00 |

| Randall | 2600.00 |

| Peter | 2500.00 |

| John | 14000.00 |

| Karen | 13500.00 |

| Alberto | 12000.00 |

| Gerald | 11000.00 |

| Eleni | 10500.00 |

| Peter | 10000.00 |

| David | 9500.00 |

| Peter | 9000.00 |

| Christopher | 8000.00 |

| Nanette | 7500.00 |

| Oliver | 7000.00 |

| Janette | 10000.00 |

| Patrick | 9500.00 |

| Allan | 9000.00 |

| Lindsey | 8000.00 |

| Louise | 7500.00 |

| Sarath | 7000.00 |

| Clara | 10500.00 |

| Danielle | 9500.00 |

| Mattea | 7200.00 |

| David | 6800.00 |

| Sundar | 6400.00 |

| Amit | 6200.00 |

| Lisa | 11500.00 |

| Harrison | 10000.00 |

| Tayler | 9600.00 |

| William | 7400.00 |

| Elizabeth | 7300.00 |

| Sundita | 6100.00 |

| Ellen | 11000.00 |

| Alyssa | 8800.00 |

| Jonathon | 8600.00 |

| Jack | 8400.00 |

| Kimberely | 7000.00 |

| Charles | 6200.00 |

| Winston | 3200.00 |

| Jean | 3100.00 |

| Martha | 2500.00 |

| Girard | 2800.00 |

| Nandita | 4200.00 |

| Alexis | 4100.00 |

| Julia | 3400.00 |

| Anthony | 3000.00 |

| Kelly | 3800.00 |

| Jennifer | 3600.00 |

| Timothy | 2900.00 |

| Randall | 2500.00 |

| Sarah | 4000.00 |

| Britney | 3900.00 |

| Samuel | 3200.00 |

| Vance | 2800.00 |

| Alana | 3100.00 |

| Kevin | 3000.00 |

| Donald | 2600.00 |

| Douglas | 2600.00 |

| Jennifer | 4400.00 |

| Michael | 13000.00 |

| Pat | 6000.00 |

| Susan | 6500.00 |

| Hermann | 10000.00 |

| Shelley | 12000.00 |

| William | 8300.00 |

| Pappu | 33000.00 |

+-------------+-----------+

108 rows in set (0.00 sec)

mysql> select FIRST\_NAME,SALARY from employees where SALARY>10000;

+------------+-----------+

| FIRST\_NAME | SALARY |

+------------+-----------+

| Steven | 24000.00 |

| Neena | 17000.00 |

| Lex | 150000.00 |

| Nancy | 12000.00 |

| Den | 11000.00 |

| John | 14000.00 |

| Karen | 13500.00 |

| Alberto | 12000.00 |

| Gerald | 11000.00 |

| Eleni | 10500.00 |

| Clara | 10500.00 |

| Lisa | 11500.00 |

| Ellen | 11000.00 |

| Michael | 13000.00 |

| Shelley | 12000.00 |

| Pappu | 33000.00 |

+------------+-----------+

16 rows in set (0.00 sec)

mysql> select FIRST\_NAME,SALARY from employees where right(HIRE\_DATE,4)<0201;

+-------------+-----------+

| FIRST\_NAME | SALARY |

+-------------+-----------+

| Steven | 24000.00 |

| Neena | 17000.00 |

| Lex | 150000.00 |

| Alexander | 9000.00 |

| Bruce | 6000.00 |

| David | 4800.00 |

| Valli | 4800.00 |

| Diana | 4200.00 |

| Nancy | 12000.00 |

| Daniel | 9000.00 |

| John | 8200.00 |

| Ismael | 7700.00 |

| Jose Manuel | 7800.00 |

| Luis | 6900.00 |

| Den | 11000.00 |

| Alexander | 3100.00 |

| Shelli | 2900.00 |

| Sigal | 2800.00 |

| Guy | 2600.00 |

| Karen | 2500.00 |

| Matthew | 8000.00 |

| Adam | 8200.00 |

| Payam | 7900.00 |

| Shanta | 6500.00 |

| Kevin | 5800.00 |

| Julia | 3200.00 |

| Irene | 2700.00 |

| James | 2400.00 |

| Steven | 2200.00 |

| Laura | 3300.00 |

| Mozhe | 2800.00 |

| James | 2500.00 |

| TJ | 2100.00 |

| Jason | 3300.00 |

| Michael | 2900.00 |

| Ki | 2400.00 |

| Hazel | 2200.00 |

| Renske | 3600.00 |

| Stephen | 3200.00 |

| John | 2700.00 |

| Joshua | 2500.00 |

| Trenna | 3500.00 |

| Curtis | 3100.00 |

| Randall | 2600.00 |

| Peter | 2500.00 |

| John | 14000.00 |

| Karen | 13500.00 |

| Alberto | 12000.00 |

| Gerald | 11000.00 |

| Eleni | 10500.00 |

| Peter | 10000.00 |

| David | 9500.00 |

| Peter | 9000.00 |

| Christopher | 8000.00 |

| Nanette | 7500.00 |

| Oliver | 7000.00 |

| Janette | 10000.00 |

| Patrick | 9500.00 |

| Allan | 9000.00 |

| Lindsey | 8000.00 |

| Louise | 7500.00 |

| Sarath | 7000.00 |

| Clara | 10500.00 |

| Danielle | 9500.00 |

| Mattea | 7200.00 |

| David | 6800.00 |

| Sundar | 6400.00 |

| Amit | 6200.00 |

| Lisa | 11500.00 |

| Harrison | 10000.00 |

| Tayler | 9600.00 |

| William | 7400.00 |

| Elizabeth | 7300.00 |

| Sundita | 6100.00 |

| Ellen | 11000.00 |

| Alyssa | 8800.00 |

| Jonathon | 8600.00 |

| Jack | 8400.00 |

| Kimberely | 7000.00 |

| Charles | 6200.00 |

| Winston | 3200.00 |

| Jean | 3100.00 |

| Martha | 2500.00 |

| Girard | 2800.00 |

| Nandita | 4200.00 |

| Alexis | 4100.00 |

| Julia | 3400.00 |

| Anthony | 3000.00 |

| Kelly | 3800.00 |

| Jennifer | 3600.00 |

| Timothy | 2900.00 |

| Randall | 2500.00 |

| Sarah | 4000.00 |

| Britney | 3900.00 |

| Samuel | 3200.00 |

| Vance | 2800.00 |

| Alana | 3100.00 |

| Kevin | 3000.00 |

| Donald | 2600.00 |

| Douglas | 2600.00 |

| Jennifer | 4400.00 |

| Michael | 13000.00 |

| Pat | 6000.00 |

| Susan | 6500.00 |

| Hermann | 10000.00 |

| Shelley | 12000.00 |

| William | 8300.00 |

+-------------+-----------+

107 rows in set (0.00 sec)

mysql> select FIRST\_NAME,SALARY,HIRE\_DATE from employees where right(HIRE\_DATE,4)<0201;

+-------------+-----------+------------+

| FIRST\_NAME | SALARY | HIRE\_DATE |

+-------------+-----------+------------+

| Steven | 24000.00 | 1987-06-17 |

| Neena | 17000.00 | 1987-06-18 |

| Lex | 150000.00 | 1987-06-19 |

| Alexander | 9000.00 | 1987-06-20 |

| Bruce | 6000.00 | 1987-06-21 |

| David | 4800.00 | 1987-06-22 |

| Valli | 4800.00 | 1987-06-23 |

| Diana | 4200.00 | 1987-06-24 |

| Nancy | 12000.00 | 1987-06-25 |

| Daniel | 9000.00 | 1987-06-26 |

| John | 8200.00 | 1987-06-27 |

| Ismael | 7700.00 | 1987-06-28 |

| Jose Manuel | 7800.00 | 1987-06-29 |

| Luis | 6900.00 | 1987-06-30 |

| Den | 11000.00 | 1987-07-01 |

| Alexander | 3100.00 | 1987-07-02 |

| Shelli | 2900.00 | 1987-07-03 |

| Sigal | 2800.00 | 1987-07-04 |

| Guy | 2600.00 | 1987-07-05 |

| Karen | 2500.00 | 1987-07-06 |

| Matthew | 8000.00 | 1987-07-07 |

| Adam | 8200.00 | 1987-07-08 |

| Payam | 7900.00 | 1987-07-09 |

| Shanta | 6500.00 | 1987-07-10 |

| Kevin | 5800.00 | 1987-07-11 |

| Julia | 3200.00 | 1987-07-12 |

| Irene | 2700.00 | 1987-07-13 |

| James | 2400.00 | 1987-07-14 |

| Steven | 2200.00 | 1987-07-15 |

| Laura | 3300.00 | 1987-07-16 |

| Mozhe | 2800.00 | 1987-07-17 |

| James | 2500.00 | 1987-07-18 |

| TJ | 2100.00 | 1987-07-19 |

| Jason | 3300.00 | 1987-07-20 |

| Michael | 2900.00 | 1987-07-21 |

| Ki | 2400.00 | 1987-07-22 |

| Hazel | 2200.00 | 1987-07-23 |

| Renske | 3600.00 | 1987-07-24 |

| Stephen | 3200.00 | 1987-07-25 |

| John | 2700.00 | 1987-07-26 |

| Joshua | 2500.00 | 1987-07-27 |

| Trenna | 3500.00 | 1987-07-28 |

| Curtis | 3100.00 | 1987-07-29 |

| Randall | 2600.00 | 1987-07-30 |

| Peter | 2500.00 | 1987-07-31 |

| John | 14000.00 | 1987-08-01 |

| Karen | 13500.00 | 1987-08-02 |

| Alberto | 12000.00 | 1987-08-03 |

| Gerald | 11000.00 | 1987-08-04 |

| Eleni | 10500.00 | 1987-08-05 |

| Peter | 10000.00 | 1987-08-06 |

| David | 9500.00 | 1987-08-07 |

| Peter | 9000.00 | 1987-08-08 |

| Christopher | 8000.00 | 1987-08-09 |

| Nanette | 7500.00 | 1987-08-10 |

| Oliver | 7000.00 | 1987-08-11 |

| Janette | 10000.00 | 1987-08-12 |

| Patrick | 9500.00 | 1987-08-13 |

| Allan | 9000.00 | 1987-08-14 |

| Lindsey | 8000.00 | 1987-08-15 |

| Louise | 7500.00 | 1987-08-16 |

| Sarath | 7000.00 | 1987-08-17 |

| Clara | 10500.00 | 1987-08-18 |

| Danielle | 9500.00 | 1987-08-19 |

| Mattea | 7200.00 | 1987-08-20 |

| David | 6800.00 | 1987-08-21 |

| Sundar | 6400.00 | 1987-08-22 |

| Amit | 6200.00 | 1987-08-23 |

| Lisa | 11500.00 | 1987-08-24 |

| Harrison | 10000.00 | 1987-08-25 |

| Tayler | 9600.00 | 1987-08-26 |

| William | 7400.00 | 1987-08-27 |

| Elizabeth | 7300.00 | 1987-08-28 |

| Sundita | 6100.00 | 1987-08-29 |

| Ellen | 11000.00 | 1987-08-30 |

| Alyssa | 8800.00 | 1987-08-31 |

| Jonathon | 8600.00 | 1987-09-01 |

| Jack | 8400.00 | 1987-09-02 |

| Kimberely | 7000.00 | 1987-09-03 |

| Charles | 6200.00 | 1987-09-04 |

| Winston | 3200.00 | 1987-09-05 |

| Jean | 3100.00 | 1987-09-06 |

| Martha | 2500.00 | 1987-09-07 |

| Girard | 2800.00 | 1987-09-08 |

| Nandita | 4200.00 | 1987-09-09 |

| Alexis | 4100.00 | 1987-09-10 |

| Julia | 3400.00 | 1987-09-11 |

| Anthony | 3000.00 | 1987-09-12 |

| Kelly | 3800.00 | 1987-09-13 |

| Jennifer | 3600.00 | 1987-09-14 |

| Timothy | 2900.00 | 1987-09-15 |

| Randall | 2500.00 | 1987-09-16 |

| Sarah | 4000.00 | 1987-09-17 |

| Britney | 3900.00 | 1987-09-18 |

| Samuel | 3200.00 | 1987-09-19 |

| Vance | 2800.00 | 1987-09-20 |

| Alana | 3100.00 | 1987-09-21 |

| Kevin | 3000.00 | 1987-09-22 |

| Donald | 2600.00 | 1987-09-23 |

| Douglas | 2600.00 | 1987-09-24 |

| Jennifer | 4400.00 | 1987-09-25 |

| Michael | 13000.00 | 1987-09-26 |

| Pat | 6000.00 | 1987-09-27 |

| Susan | 6500.00 | 1987-09-28 |

| Hermann | 10000.00 | 1987-09-29 |

| Shelley | 12000.00 | 1987-09-30 |

| William | 8300.00 | 1987-10-01 |

+-------------+-----------+------------+

107 rows in set (0.00 sec)

mysql> select FIRST\_NAME,SALARY,HIRE\_DATE from employees where right(HIRE\_DATE,4)<0801;

+-------------+-----------+------------+

| FIRST\_NAME | SALARY | HIRE\_DATE |

+-------------+-----------+------------+

| Steven | 24000.00 | 1987-06-17 |

| Neena | 17000.00 | 1987-06-18 |

| Lex | 150000.00 | 1987-06-19 |

| Alexander | 9000.00 | 1987-06-20 |

| Bruce | 6000.00 | 1987-06-21 |

| David | 4800.00 | 1987-06-22 |

| Valli | 4800.00 | 1987-06-23 |

| Diana | 4200.00 | 1987-06-24 |

| Nancy | 12000.00 | 1987-06-25 |

| Daniel | 9000.00 | 1987-06-26 |

| John | 8200.00 | 1987-06-27 |

| Ismael | 7700.00 | 1987-06-28 |

| Jose Manuel | 7800.00 | 1987-06-29 |

| Luis | 6900.00 | 1987-06-30 |

| Den | 11000.00 | 1987-07-01 |

| Alexander | 3100.00 | 1987-07-02 |

| Shelli | 2900.00 | 1987-07-03 |

| Sigal | 2800.00 | 1987-07-04 |

| Guy | 2600.00 | 1987-07-05 |

| Karen | 2500.00 | 1987-07-06 |

| Matthew | 8000.00 | 1987-07-07 |

| Adam | 8200.00 | 1987-07-08 |

| Payam | 7900.00 | 1987-07-09 |

| Shanta | 6500.00 | 1987-07-10 |

| Kevin | 5800.00 | 1987-07-11 |

| Julia | 3200.00 | 1987-07-12 |

| Irene | 2700.00 | 1987-07-13 |

| James | 2400.00 | 1987-07-14 |

| Steven | 2200.00 | 1987-07-15 |

| Laura | 3300.00 | 1987-07-16 |

| Mozhe | 2800.00 | 1987-07-17 |

| James | 2500.00 | 1987-07-18 |

| TJ | 2100.00 | 1987-07-19 |

| Jason | 3300.00 | 1987-07-20 |

| Michael | 2900.00 | 1987-07-21 |

| Ki | 2400.00 | 1987-07-22 |

| Hazel | 2200.00 | 1987-07-23 |

| Renske | 3600.00 | 1987-07-24 |

| Stephen | 3200.00 | 1987-07-25 |

| John | 2700.00 | 1987-07-26 |

| Joshua | 2500.00 | 1987-07-27 |

| Trenna | 3500.00 | 1987-07-28 |

| Curtis | 3100.00 | 1987-07-29 |

| Randall | 2600.00 | 1987-07-30 |

| Peter | 2500.00 | 1987-07-31 |

| John | 14000.00 | 1987-08-01 |

| Karen | 13500.00 | 1987-08-02 |

| Alberto | 12000.00 | 1987-08-03 |

| Gerald | 11000.00 | 1987-08-04 |

| Eleni | 10500.00 | 1987-08-05 |

| Peter | 10000.00 | 1987-08-06 |

| David | 9500.00 | 1987-08-07 |

| Peter | 9000.00 | 1987-08-08 |

| Christopher | 8000.00 | 1987-08-09 |

| Nanette | 7500.00 | 1987-08-10 |

| Oliver | 7000.00 | 1987-08-11 |

| Janette | 10000.00 | 1987-08-12 |

| Patrick | 9500.00 | 1987-08-13 |

| Allan | 9000.00 | 1987-08-14 |

| Lindsey | 8000.00 | 1987-08-15 |

| Louise | 7500.00 | 1987-08-16 |

| Sarath | 7000.00 | 1987-08-17 |

| Clara | 10500.00 | 1987-08-18 |

| Danielle | 9500.00 | 1987-08-19 |

| Mattea | 7200.00 | 1987-08-20 |

| David | 6800.00 | 1987-08-21 |

| Sundar | 6400.00 | 1987-08-22 |

| Amit | 6200.00 | 1987-08-23 |

| Lisa | 11500.00 | 1987-08-24 |

| Harrison | 10000.00 | 1987-08-25 |

| Tayler | 9600.00 | 1987-08-26 |

| William | 7400.00 | 1987-08-27 |

| Elizabeth | 7300.00 | 1987-08-28 |

| Sundita | 6100.00 | 1987-08-29 |

| Ellen | 11000.00 | 1987-08-30 |

| Alyssa | 8800.00 | 1987-08-31 |

| Jonathon | 8600.00 | 1987-09-01 |

| Jack | 8400.00 | 1987-09-02 |

| Kimberely | 7000.00 | 1987-09-03 |

| Charles | 6200.00 | 1987-09-04 |

| Winston | 3200.00 | 1987-09-05 |

| Jean | 3100.00 | 1987-09-06 |

| Martha | 2500.00 | 1987-09-07 |

| Girard | 2800.00 | 1987-09-08 |

| Nandita | 4200.00 | 1987-09-09 |

| Alexis | 4100.00 | 1987-09-10 |

| Julia | 3400.00 | 1987-09-11 |

| Anthony | 3000.00 | 1987-09-12 |

| Kelly | 3800.00 | 1987-09-13 |

| Jennifer | 3600.00 | 1987-09-14 |

| Timothy | 2900.00 | 1987-09-15 |

| Randall | 2500.00 | 1987-09-16 |

| Sarah | 4000.00 | 1987-09-17 |

| Britney | 3900.00 | 1987-09-18 |

| Samuel | 3200.00 | 1987-09-19 |

| Vance | 2800.00 | 1987-09-20 |

| Alana | 3100.00 | 1987-09-21 |

| Kevin | 3000.00 | 1987-09-22 |

| Donald | 2600.00 | 1987-09-23 |

| Douglas | 2600.00 | 1987-09-24 |

| Jennifer | 4400.00 | 1987-09-25 |

| Michael | 13000.00 | 1987-09-26 |

| Pat | 6000.00 | 1987-09-27 |

| Susan | 6500.00 | 1987-09-28 |

| Hermann | 10000.00 | 1987-09-29 |

| Shelley | 12000.00 | 1987-09-30 |

| William | 8300.00 | 1987-10-01 |

+-------------+-----------+------------+

107 rows in set (0.00 sec)

mysql> select FIRST\_NAME,SALARY,HIRE\_DATE from employees where right(HIRE\_DATE,4)<0825;

+-------------+-----------+------------+

| FIRST\_NAME | SALARY | HIRE\_DATE |

+-------------+-----------+------------+

| Steven | 24000.00 | 1987-06-17 |

| Neena | 17000.00 | 1987-06-18 |

| Lex | 150000.00 | 1987-06-19 |

| Alexander | 9000.00 | 1987-06-20 |

| Bruce | 6000.00 | 1987-06-21 |

| David | 4800.00 | 1987-06-22 |

| Valli | 4800.00 | 1987-06-23 |

| Diana | 4200.00 | 1987-06-24 |

| Nancy | 12000.00 | 1987-06-25 |

| Daniel | 9000.00 | 1987-06-26 |

| John | 8200.00 | 1987-06-27 |

| Ismael | 7700.00 | 1987-06-28 |

| Jose Manuel | 7800.00 | 1987-06-29 |

| Luis | 6900.00 | 1987-06-30 |

| Den | 11000.00 | 1987-07-01 |

| Alexander | 3100.00 | 1987-07-02 |

| Shelli | 2900.00 | 1987-07-03 |

| Sigal | 2800.00 | 1987-07-04 |

| Guy | 2600.00 | 1987-07-05 |

| Karen | 2500.00 | 1987-07-06 |

| Matthew | 8000.00 | 1987-07-07 |

| Adam | 8200.00 | 1987-07-08 |

| Payam | 7900.00 | 1987-07-09 |

| Shanta | 6500.00 | 1987-07-10 |

| Kevin | 5800.00 | 1987-07-11 |

| Julia | 3200.00 | 1987-07-12 |

| Irene | 2700.00 | 1987-07-13 |

| James | 2400.00 | 1987-07-14 |

| Steven | 2200.00 | 1987-07-15 |

| Laura | 3300.00 | 1987-07-16 |

| Mozhe | 2800.00 | 1987-07-17 |

| James | 2500.00 | 1987-07-18 |

| TJ | 2100.00 | 1987-07-19 |

| Jason | 3300.00 | 1987-07-20 |

| Michael | 2900.00 | 1987-07-21 |

| Ki | 2400.00 | 1987-07-22 |

| Hazel | 2200.00 | 1987-07-23 |

| Renske | 3600.00 | 1987-07-24 |

| Stephen | 3200.00 | 1987-07-25 |

| John | 2700.00 | 1987-07-26 |

| Joshua | 2500.00 | 1987-07-27 |

| Trenna | 3500.00 | 1987-07-28 |

| Curtis | 3100.00 | 1987-07-29 |

| Randall | 2600.00 | 1987-07-30 |

| Peter | 2500.00 | 1987-07-31 |

| John | 14000.00 | 1987-08-01 |

| Karen | 13500.00 | 1987-08-02 |

| Alberto | 12000.00 | 1987-08-03 |

| Gerald | 11000.00 | 1987-08-04 |

| Eleni | 10500.00 | 1987-08-05 |

| Peter | 10000.00 | 1987-08-06 |

| David | 9500.00 | 1987-08-07 |

| Peter | 9000.00 | 1987-08-08 |

| Christopher | 8000.00 | 1987-08-09 |

| Nanette | 7500.00 | 1987-08-10 |

| Oliver | 7000.00 | 1987-08-11 |

| Janette | 10000.00 | 1987-08-12 |

| Patrick | 9500.00 | 1987-08-13 |

| Allan | 9000.00 | 1987-08-14 |

| Lindsey | 8000.00 | 1987-08-15 |

| Louise | 7500.00 | 1987-08-16 |

| Sarath | 7000.00 | 1987-08-17 |

| Clara | 10500.00 | 1987-08-18 |

| Danielle | 9500.00 | 1987-08-19 |

| Mattea | 7200.00 | 1987-08-20 |

| David | 6800.00 | 1987-08-21 |

| Sundar | 6400.00 | 1987-08-22 |

| Amit | 6200.00 | 1987-08-23 |

| Lisa | 11500.00 | 1987-08-24 |

| Harrison | 10000.00 | 1987-08-25 |

| Tayler | 9600.00 | 1987-08-26 |

| William | 7400.00 | 1987-08-27 |

| Elizabeth | 7300.00 | 1987-08-28 |

| Sundita | 6100.00 | 1987-08-29 |

| Ellen | 11000.00 | 1987-08-30 |

| Alyssa | 8800.00 | 1987-08-31 |

| Jonathon | 8600.00 | 1987-09-01 |

| Jack | 8400.00 | 1987-09-02 |

| Kimberely | 7000.00 | 1987-09-03 |

| Charles | 6200.00 | 1987-09-04 |

| Winston | 3200.00 | 1987-09-05 |

| Jean | 3100.00 | 1987-09-06 |

| Martha | 2500.00 | 1987-09-07 |

| Girard | 2800.00 | 1987-09-08 |

| Nandita | 4200.00 | 1987-09-09 |

| Alexis | 4100.00 | 1987-09-10 |

| Julia | 3400.00 | 1987-09-11 |

| Anthony | 3000.00 | 1987-09-12 |

| Kelly | 3800.00 | 1987-09-13 |

| Jennifer | 3600.00 | 1987-09-14 |

| Timothy | 2900.00 | 1987-09-15 |

| Randall | 2500.00 | 1987-09-16 |

| Sarah | 4000.00 | 1987-09-17 |

| Britney | 3900.00 | 1987-09-18 |

| Samuel | 3200.00 | 1987-09-19 |

| Vance | 2800.00 | 1987-09-20 |

| Alana | 3100.00 | 1987-09-21 |

| Kevin | 3000.00 | 1987-09-22 |

| Donald | 2600.00 | 1987-09-23 |

| Douglas | 2600.00 | 1987-09-24 |

| Jennifer | 4400.00 | 1987-09-25 |

| Michael | 13000.00 | 1987-09-26 |

| Pat | 6000.00 | 1987-09-27 |

| Susan | 6500.00 | 1987-09-28 |

| Hermann | 10000.00 | 1987-09-29 |

| Shelley | 12000.00 | 1987-09-30 |

| William | 8300.00 | 1987-10-01 |

+-------------+-----------+------------+

107 rows in set (0.00 sec)

mysql> select FIRST\_NAME,SALARY,HIRE\_DATE from employees where right(HIRE\_DATE,4)<08-25;

Empty set (0.00 sec)

mysql> select FIRST\_NAME,SALARY,HIRE\_DATE from employees where HIRE\_DATE like '%%%%06';

+------------+----------+------------+

| FIRST\_NAME | SALARY | HIRE\_DATE |

+------------+----------+------------+

| Karen | 2500.00 | 1987-07-06 |

| Peter | 10000.00 | 1987-08-06 |

| Jean | 3100.00 | 1987-09-06 |

+------------+----------+------------+

3 rows in set, 1 warning (0.00 sec)

mysql> select FIRST\_NAME,SALARY,HIRE\_DATE from employees where HIRE\_DATE like '%%06';

+------------+----------+------------+

| FIRST\_NAME | SALARY | HIRE\_DATE |

+------------+----------+------------+

| Karen | 2500.00 | 1987-07-06 |

| Peter | 10000.00 | 1987-08-06 |

| Jean | 3100.00 | 1987-09-06 |

+------------+----------+------------+

3 rows in set, 1 warning (0.00 sec)

mysql> select FIRST\_NAME,SALARY,HIRE\_DATE from employees where HIRE\_DATE like '%%06%%';

+-------------+-----------+------------+

| FIRST\_NAME | SALARY | HIRE\_DATE |

+-------------+-----------+------------+

| Steven | 24000.00 | 1987-06-17 |

| Neena | 17000.00 | 1987-06-18 |

| Lex | 150000.00 | 1987-06-19 |

| Alexander | 9000.00 | 1987-06-20 |

| Bruce | 6000.00 | 1987-06-21 |

| David | 4800.00 | 1987-06-22 |

| Valli | 4800.00 | 1987-06-23 |

| Diana | 4200.00 | 1987-06-24 |

| Nancy | 12000.00 | 1987-06-25 |

| Daniel | 9000.00 | 1987-06-26 |

| John | 8200.00 | 1987-06-27 |

| Ismael | 7700.00 | 1987-06-28 |

| Jose Manuel | 7800.00 | 1987-06-29 |

| Luis | 6900.00 | 1987-06-30 |

| Karen | 2500.00 | 1987-07-06 |

| Peter | 10000.00 | 1987-08-06 |

| Jean | 3100.00 | 1987-09-06 |

+-------------+-----------+------------+

17 rows in set, 1 warning (0.00 sec)

mysql> select FIRST\_NAME,SALARY,HIRE\_DATE from employees where HIRE\_DATE like '%06%';

+-------------+-----------+------------+

| FIRST\_NAME | SALARY | HIRE\_DATE |

+-------------+-----------+------------+

| Steven | 24000.00 | 1987-06-17 |

| Neena | 17000.00 | 1987-06-18 |

| Lex | 150000.00 | 1987-06-19 |

| Alexander | 9000.00 | 1987-06-20 |

| Bruce | 6000.00 | 1987-06-21 |

| David | 4800.00 | 1987-06-22 |

| Valli | 4800.00 | 1987-06-23 |

| Diana | 4200.00 | 1987-06-24 |

| Nancy | 12000.00 | 1987-06-25 |

| Daniel | 9000.00 | 1987-06-26 |

| John | 8200.00 | 1987-06-27 |

| Ismael | 7700.00 | 1987-06-28 |

| Jose Manuel | 7800.00 | 1987-06-29 |

| Luis | 6900.00 | 1987-06-30 |

| Karen | 2500.00 | 1987-07-06 |

| Peter | 10000.00 | 1987-08-06 |

| Jean | 3100.00 | 1987-09-06 |

+-------------+-----------+------------+

17 rows in set, 1 warning (0.00 sec)

mysql> select FIRST\_NAME,SALARY,HIRE\_DATE from employees where HIRE\_DATE like '%06%';

+-------------+-----------+------------+

| FIRST\_NAME | SALARY | HIRE\_DATE |

+-------------+-----------+------------+

| Steven | 24000.00 | 1987-06-17 |

| Neena | 17000.00 | 1987-06-18 |

| Lex | 150000.00 | 1987-06-19 |

| Alexander | 9000.00 | 1987-06-20 |

| Bruce | 6000.00 | 1987-06-21 |

| David | 4800.00 | 1987-06-22 |

| Valli | 4800.00 | 1987-06-23 |

| Diana | 4200.00 | 1987-06-24 |

| Nancy | 12000.00 | 1987-06-25 |

| Daniel | 9000.00 | 1987-06-26 |

| John | 8200.00 | 1987-06-27 |

| Ismael | 7700.00 | 1987-06-28 |

| Jose Manuel | 7800.00 | 1987-06-29 |

| Luis | 6900.00 | 1987-06-30 |

| Karen | 2500.00 | 1987-07-06 |

| Peter | 10000.00 | 1987-08-06 |

| Jean | 3100.00 | 1987-09-06 |

+-------------+-----------+------------+

17 rows in set, 1 warning (0.00 sec)

mysql> select \* from employees

-> order by FIRST\_NAME;

+-------------+-------------+-------------+----------+--------------------+------------+------------+-----------+----------------+------------+---------------+

| EMPLOYEE\_ID | FIRST\_NAME | LAST\_NAME | EMAIL | PHONE\_NUMBER | HIRE\_DATE | JOB\_ID | SALARY | COMMISSION\_PCT | MANAGER\_ID | DEPARTMENT\_ID |

+-------------+-------------+-------------+----------+--------------------+------------+------------+-----------+----------------+------------+---------------+

| 121 | Adam | Fripp | AFRIPP | 650.123.2234 | 1987-07-08 | ST\_MAN | 8200.00 | 0.00 | 100 | 50 |

| 196 | Alana | Walsh | AWALSH | 650.507.9811 | 1987-09-21 | SH\_CLERK | 3100.00 | 0.00 | 124 | 50 |

| 147 | Alberto | Errazuriz | AERRAZUR | 011.44.1344.429278 | 1987-08-03 | SA\_MAN | 12000.00 | 0.30 | 100 | 80 |

| 115 | Alexander | Khoo | AKHOO | 515.127.4562 | 1987-07-02 | PU\_CLERK | 3100.00 | 0.00 | 114 | 30 |

| 103 | Alexander | Hunold | AHUNOLD | 590.423.4567 | 1987-06-20 | IT\_PROG | 9000.00 | 0.00 | 102 | 60 |

| 185 | Alexis | Bull | ABULL | 650.509.2876 | 1987-09-10 | SH\_CLERK | 4100.00 | 0.00 | 121 | 50 |

| 158 | Allan | McEwen | AMCEWEN | 011.44.1345.829268 | 1987-08-14 | SA\_REP | 9000.00 | 0.35 | 146 | 80 |

| 175 | Alyssa | Hutton | AHUTTON | 011.44.1644.429266 | 1987-08-31 | SA\_REP | 8800.00 | 0.25 | 149 | 80 |

| 167 | Amit | Banda | ABANDA | 011.44.1346.729268 | 1987-08-23 | SA\_REP | 6200.00 | 0.10 | 147 | 80 |

| 187 | Anthony | Cabrio | ACABRIO | 650.509.4876 | 1987-09-12 | SH\_CLERK | 3000.00 | 0.00 | 121 | 50 |

| 193 | Britney | Everett | BEVERETT | 650.501.2876 | 1987-09-18 | SH\_CLERK | 3900.00 | 0.00 | 123 | 50 |

| 104 | Bruce | Ernst | BERNST | 590.423.4568 | 1987-06-21 | IT\_PROG | 6000.00 | 0.00 | 103 | 60 |

| 179 | Charles | Johnson | CJOHNSON | 011.44.1644.429262 | 1987-09-04 | SA\_REP | 6200.00 | 0.10 | 149 | 80 |

| 153 | Christopher | Olsen | COLSEN | 011.44.1344.498718 | 1987-08-09 | SA\_REP | 8000.00 | 0.20 | 145 | 80 |

| 162 | Clara | Vishney | CVISHNEY | 011.44.1346.129268 | 1987-08-18 | SA\_REP | 10500.00 | 0.25 | 147 | 80 |

| 142 | Curtis | Davies | CDAVIES | 650.121.2994 | 1987-07-29 | ST\_CLERK | 3100.00 | 0.00 | 124 | 50 |

| 109 | Daniel | Faviet | DFAVIET | 515.124.4169 | 1987-06-26 | FI\_ACCOUNT | 9000.00 | 0.00 | 108 | 100 |

| 163 | Danielle | Greene | DGREENE | 011.44.1346.229268 | 1987-08-19 | SA\_REP | 9500.00 | 0.15 | 147 | 80 |

| 105 | David | Austin | DAUSTIN | 590.423.4569 | 1987-06-22 | IT\_PROG | 4800.00 | 0.00 | 103 | 60 |

| 165 | David | Lee | DLEE | 011.44.1346.529268 | 1987-08-21 | SA\_REP | 6800.00 | 0.10 | 147 | 80 |

| 151 | David | Bernstein | DBERNSTE | 011.44.1344.345268 | 1987-08-07 | SA\_REP | 9500.00 | 0.25 | 145 | 80 |

| 114 | Den | Raphaely | DRAPHEAL | 515.127.4561 | 1987-07-01 | PU\_MAN | 11000.00 | 0.00 | 100 | 30 |

| 107 | Diana | Lorentz | DLORENTZ | 590.423.5567 | 1987-06-24 | IT\_PROG | 4200.00 | 0.00 | 103 | 60 |

| 198 | 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 |

| 149 | Eleni | Zlotkey | EZLOTKEY | 011.44.1344.429018 | 1987-08-05 | SA\_MAN | 10500.00 | 0.20 | 100 | 80 |

| 172 | Elizabeth | Bates | EBATES | 011.44.1343.529268 | 1987-08-28 | SA\_REP | 7300.00 | 0.15 | 148 | 80 |

| 174 | Ellen | Abel | EABEL | 011.44.1644.429267 | 1987-08-30 | SA\_REP | 11000.00 | 0.30 | 149 | 80 |

| 148 | Gerald | Cambrault | GCAMBRAU | 011.44.1344.619268 | 1987-08-04 | SA\_MAN | 11000.00 | 0.30 | 100 | 80 |

| 183 | Girard | Geoni | GGEONI | 650.507.9879 | 1987-09-08 | SH\_CLERK | 2800.00 | 0.00 | 120 | 50 |

| 118 | Guy | Himuro | GHIMURO | 515.127.4565 | 1987-07-05 | PU\_CLERK | 2600.00 | 0.00 | 114 | 30 |

| 169 | Harrison | Bloom | HBLOOM | 011.44.1343.829268 | 1987-08-25 | SA\_REP | 10000.00 | 0.20 | 148 | 80 |

| 136 | Hazel | Philtanker | HPHILTAN | 650.127.1634 | 1987-07-23 | ST\_CLERK | 2200.00 | 0.00 | 122 | 50 |

| 204 | Hermann | Baer | HBAER | 515.123.8888 | 1987-09-29 | PR\_REP | 10000.00 | 0.00 | 101 | 70 |

| 126 | Irene | Mikkilineni | IMIKKILI | 650.124.1224 | 1987-07-13 | ST\_CLERK | 2700.00 | 0.00 | 120 | 50 |

| 111 | Ismael | Sciarra | ISCIARRA | 515.124.4369 | 1987-06-28 | FI\_ACCOUNT | 7700.00 | 0.00 | 108 | 100 |

| 177 | Jack | Livingston | JLIVINGS | 011.44.1644.429264 | 1987-09-02 | SA\_REP | 8400.00 | 0.20 | 149 | 80 |

| 131 | James | Marlow | JAMRLOW | 650.124.7234 | 1987-07-18 | ST\_CLERK | 2500.00 | 0.00 | 121 | 50 |

| 127 | James | Landry | JLANDRY | 650.124.1334 | 1987-07-14 | ST\_CLERK | 2400.00 | 0.00 | 120 | 50 |

| 156 | Janette | King | JKING | 011.44.1345.429268 | 1987-08-12 | SA\_REP | 10000.00 | 0.35 | 146 | 80 |

| 133 | Jason | Mallin | JMALLIN | 650.127.1934 | 1987-07-20 | ST\_CLERK | 3300.00 | 0.00 | 122 | 50 |

| 181 | Jean | Fleaur | JFLEAUR | 650.507.9877 | 1987-09-06 | SH\_CLERK | 3100.00 | 0.00 | 120 | 50 |

| 200 | Jennifer | Whalen | JWHALEN | 515.123.4444 | 1987-09-25 | AD\_ASST | 4400.00 | 0.00 | 101 | 10 |

| 189 | Jennifer | Dilly | JDILLY | 650.505.2876 | 1987-09-14 | SH\_CLERK | 3600.00 | 0.00 | 122 | 50 |

| 110 | John | Chen | JCHEN | 515.124.4269 | 1987-06-27 | FI\_ACCOUNT | 8200.00 | 0.00 | 108 | 100 |

| 145 | John | Russell | JRUSSEL | 011.44.1344.429268 | 1987-08-01 | SA\_MAN | 14000.00 | 0.40 | 100 | 80 |

| 139 | John | Seo | JSEO | 650.121.2019 | 1987-07-26 | ST\_CLERK | 2700.00 | 0.00 | 123 | 50 |

| 176 | Jonathon | Taylor | JTAYLOR | 011.44.1644.429265 | 1987-09-01 | SA\_REP | 8600.00 | 0.20 | 149 | 80 |

| 112 | Jose Manuel | Urman | JMURMAN | 515.124.4469 | 1987-06-29 | FI\_ACCOUNT | 7800.00 | 0.00 | 108 | 100 |

| 140 | Joshua | Patel | JPATEL | 650.121.1834 | 1987-07-27 | ST\_CLERK | 2500.00 | 0.00 | 123 | 50 |

| 186 | Julia | Dellinger | JDELLING | 650.509.3876 | 1987-09-11 | SH\_CLERK | 3400.00 | 0.00 | 121 | 50 |

| 125 | Julia | Nayer | JNAYER | 650.124.1214 | 1987-07-12 | ST\_CLERK | 3200.00 | 0.00 | 120 | 50 |

| 146 | Karen | Partners | KPARTNER | 011.44.1344.467268 | 1987-08-02 | SA\_MAN | 13500.00 | 0.30 | 100 | 80 |

| 119 | Karen | Colmenares | KCOLMENA | 515.127.4566 | 1987-07-06 | PU\_CLERK | 2500.00 | 0.00 | 114 | 30 |

| 188 | Kelly | Chung | KCHUNG | 650.505.1876 | 1987-09-13 | SH\_CLERK | 3800.00 | 0.00 | 122 | 50 |

| 197 | Kevin | Feeney | KFEENEY | 650.507.9822 | 1987-09-22 | SH\_CLERK | 3000.00 | 0.00 | 124 | 50 |

| 124 | Kevin | Mourgos | KMOURGOS | 650.123.5234 | 1987-07-11 | ST\_MAN | 5800.00 | 0.00 | 100 | 50 |

| 135 | Ki | Gee | KGEE | 650.127.1734 | 1987-07-22 | ST\_CLERK | 2400.00 | 0.00 | 122 | 50 |

| 178 | Kimberely | Grant | KGRANT | 011.44.1644.429263 | 1987-09-03 | SA\_REP | 7000.00 | 0.15 | 149 | 0 |

| 129 | Laura | Bissot | LBISSOT | 650.124.5234 | 1987-07-16 | ST\_CLERK | 3300.00 | 0.00 | 121 | 50 |

| 102 | Lex | De Haan | LDEHAAN | 515.123.4569 | 1987-06-19 | AD\_VP | 150000.00 | 0.00 | 100 | 90 |

| 159 | Lindsey | Smith | LSMITH | 011.44.1345.729268 | 1987-08-15 | SA\_REP | 8000.00 | 0.30 | 146 | 80 |

| 168 | Lisa | Ozer | LOZER | 011.44.1343.929268 | 1987-08-24 | SA\_REP | 11500.00 | 0.25 | 148 | 80 |

| 160 | Louise | Doran | LDORAN | 011.44.1345.629268 | 1987-08-16 | SA\_REP | 7500.00 | 0.30 | 146 | 80 |

| 113 | Luis | Popp | LPOPP | 515.124.4567 | 1987-06-30 | FI\_ACCOUNT | 6900.00 | 0.00 | 108 | 100 |

| 182 | Martha | Sullivan | MSULLIVA | 650.507.9878 | 1987-09-07 | SH\_CLERK | 2500.00 | 0.00 | 120 | 50 |

| 164 | Mattea | Marvins | MMARVINS | 011.44.1346.329268 | 1987-08-20 | SA\_REP | 7200.00 | 0.10 | 147 | 80 |

| 120 | Matthew | Weiss | MWEISS | 650.123.1234 | 1987-07-07 | ST\_MAN | 8000.00 | 0.00 | 100 | 50 |

| 201 | Michael | Hartstein | MHARTSTE | 515.123.5555 | 1987-09-26 | MK\_MAN | 13000.00 | 0.00 | 100 | 20 |

| 134 | Michael | Rogers | MROGERS | 650.127.1834 | 1987-07-21 | ST\_CLERK | 2900.00 | 0.00 | 122 | 50 |

| 130 | Mozhe | Atkinson | MATKINSO | 650.124.6234 | 1987-07-17 | ST\_CLERK | 2800.00 | 0.00 | 121 | 50 |

| 108 | Nancy | Greenberg | NGREENBE | 515.124.4569 | 1987-06-25 | FI\_MGR | 12000.00 | 0.00 | 101 | 100 |

| 184 | Nandita | Sarchand | NSARCHAN | 650.509.1876 | 1987-09-09 | SH\_CLERK | 4200.00 | 0.00 | 121 | 50 |

| 154 | Nanette | Cambrault | NCAMBRAU | 011.44.1344.987668 | 1987-08-10 | SA\_REP | 7500.00 | 0.20 | 145 | 80 |

| 101 | Neena | Kochhar | NKOCHHAR | 515.123.4568 | 1987-06-18 | AD\_VP | 17000.00 | 0.00 | 100 | 90 |

| 155 | Oliver | Tuvault | OTUVAULT | 011.44.1344.486508 | 1987-08-11 | SA\_REP | 7000.00 | 0.15 | 145 | 80 |

| 400 | Pappu | Singh | NULL | NULL | NULL | NULL | 33000.00 | NULL | NULL | NULL |

| 202 | Pat | Fay | PFAY | 603.123.6666 | 1987-09-27 | MK\_REP | 6000.00 | 0.00 | 201 | 20 |

| 157 | Patrick | Sully | PSULLY | 011.44.1345.929268 | 1987-08-13 | SA\_REP | 9500.00 | 0.35 | 146 | 80 |

| 122 | Payam | Kaufling | PKAUFLIN | 650.123.3234 | 1987-07-09 | ST\_MAN | 7900.00 | 0.00 | 100 | 50 |

| 150 | Peter | Tucker | PTUCKER | 011.44.1344.129268 | 1987-08-06 | SA\_REP | 10000.00 | 0.30 | 145 | 80 |

| 152 | Peter | Hall | PHALL | 011.44.1344.478968 | 1987-08-08 | SA\_REP | 9000.00 | 0.25 | 145 | 80 |

| 144 | Peter | Vargas | PVARGAS | 650.121.2004 | 1987-07-31 | ST\_CLERK | 2500.00 | 0.00 | 124 | 50 |

| 191 | Randall | Perkins | RPERKINS | 650.505.4876 | 1987-09-16 | SH\_CLERK | 2500.00 | 0.00 | 122 | 50 |

| 143 | Randall | Matos | RMATOS | 650.121.2874 | 1987-07-30 | ST\_CLERK | 2600.00 | 0.00 | 124 | 50 |

| 137 | Renske | Ladwig | RLADWIG | 650.121.1234 | 1987-07-24 | ST\_CLERK | 3600.00 | 0.00 | 123 | 50 |

| 194 | Samuel | McCain | SMCCAIN | 650.501.3876 | 1987-09-19 | SH\_CLERK | 3200.00 | 0.00 | 123 | 50 |

| 192 | Sarah | Bell | SBELL | 650.501.1876 | 1987-09-17 | SH\_CLERK | 4000.00 | 0.00 | 123 | 50 |

| 161 | Sarath | Sewall | SSEWALL | 011.44.1345.529268 | 1987-08-17 | SA\_REP | 7000.00 | 0.25 | 146 | 80 |

| 123 | Shanta | Vollman | SVOLLMAN | 650.123.4234 | 1987-07-10 | ST\_MAN | 6500.00 | 0.00 | 100 | 50 |

| 205 | Shelley | Higgins | SHIGGINS | 515.123.8080 | 1987-09-30 | AC\_MGR | 12000.00 | 0.00 | 101 | 110 |

| 116 | Shelli | Baida | SBAIDA | 515.127.4563 | 1987-07-03 | PU\_CLERK | 2900.00 | 0.00 | 114 | 30 |

| 117 | Sigal | Tobias | STOBIAS | 515.127.4564 | 1987-07-04 | PU\_CLERK | 2800.00 | 0.00 | 114 | 30 |

| 138 | Stephen | Stiles | SSTILES | 650.121.2034 | 1987-07-25 | ST\_CLERK | 3200.00 | 0.00 | 123 | 50 |

| 128 | Steven | Markle | SMARKLE | 650.124.1434 | 1987-07-15 | ST\_CLERK | 2200.00 | 0.00 | 120 | 50 |

| 100 | Steven | King | SKING | 515.123.4567 | 1987-06-17 | AD\_PRES | 24000.00 | 0.00 | 0 | 90 |

| 166 | Sundar | Ande | SANDE | 011.44.1346.629268 | 1987-08-22 | SA\_REP | 6400.00 | 0.10 | 147 | 80 |

| 173 | Sundita | Kumar | SKUMAR | 011.44.1343.329268 | 1987-08-29 | SA\_REP | 6100.00 | 0.10 | 148 | 80 |

| 203 | Susan | Mavris | SMAVRIS | 515.123.7777 | 1987-09-28 | HR\_REP | 6500.00 | 0.00 | 101 | 40 |

| 170 | Tayler | Fox | TFOX | 011.44.1343.729268 | 1987-08-26 | SA\_REP | 9600.00 | 0.20 | 148 | 80 |

| 190 | Timothy | Gates | TGATES | 650.505.3876 | 1987-09-15 | SH\_CLERK | 2900.00 | 0.00 | 122 | 50 |

| 132 | TJ | Olson | TJOLSON | 650.124.8234 | 1987-07-19 | ST\_CLERK | 2100.00 | 0.00 | 121 | 50 |

| 141 | Trenna | Rajs | TRAJS | 650.121.8009 | 1987-07-28 | ST\_CLERK | 3500.00 | 0.00 | 124 | 50 |

| 106 | Valli | Pataballa | VPATABAL | 590.423.4560 | 1987-06-23 | IT\_PROG | 4800.00 | 0.00 | 103 | 60 |

| 195 | Vance | Jones | VJONES | 650.501.4876 | 1987-09-20 | SH\_CLERK | 2800.00 | 0.00 | 123 | 50 |

| 171 | William | Smith | WSMITH | 011.44.1343.629268 | 1987-08-27 | SA\_REP | 7400.00 | 0.15 | 148 | 80 |

| 206 | William | Gietz | WGIETZ | 515.123.8181 | 1987-10-01 | AC\_ACCOUNT | 8300.00 | 0.00 | 205 | 110 |

| 180 | Winston | Taylor | WTAYLOR | 650.507.9876 | 1987-09-05 | SH\_CLERK | 3200.00 | 0.00 | 120 | 50 |

+-------------+-------------+-------------+----------+--------------------+------------+------------+-----------+----------------+------------+---------------+

108 rows in set (0.00 sec)

mysql> select \* from employees

-> order by FIRST\_NAME desc;

+-------------+-------------+-------------+----------+--------------------+------------+------------+-----------+----------------+------------+---------------+

| EMPLOYEE\_ID | FIRST\_NAME | LAST\_NAME | EMAIL | PHONE\_NUMBER | HIRE\_DATE | JOB\_ID | SALARY | COMMISSION\_PCT | MANAGER\_ID | DEPARTMENT\_ID |

+-------------+-------------+-------------+----------+--------------------+------------+------------+-----------+----------------+------------+---------------+

| 180 | Winston | Taylor | WTAYLOR | 650.507.9876 | 1987-09-05 | SH\_CLERK | 3200.00 | 0.00 | 120 | 50 |

| 171 | William | Smith | WSMITH | 011.44.1343.629268 | 1987-08-27 | SA\_REP | 7400.00 | 0.15 | 148 | 80 |

| 206 | William | Gietz | WGIETZ | 515.123.8181 | 1987-10-01 | AC\_ACCOUNT | 8300.00 | 0.00 | 205 | 110 |

| 195 | Vance | Jones | VJONES | 650.501.4876 | 1987-09-20 | SH\_CLERK | 2800.00 | 0.00 | 123 | 50 |

| 106 | Valli | Pataballa | VPATABAL | 590.423.4560 | 1987-06-23 | IT\_PROG | 4800.00 | 0.00 | 103 | 60 |

| 141 | Trenna | Rajs | TRAJS | 650.121.8009 | 1987-07-28 | ST\_CLERK | 3500.00 | 0.00 | 124 | 50 |

| 132 | TJ | Olson | TJOLSON | 650.124.8234 | 1987-07-19 | ST\_CLERK | 2100.00 | 0.00 | 121 | 50 |

| 190 | Timothy | Gates | TGATES | 650.505.3876 | 1987-09-15 | SH\_CLERK | 2900.00 | 0.00 | 122 | 50 |

| 170 | Tayler | Fox | TFOX | 011.44.1343.729268 | 1987-08-26 | SA\_REP | 9600.00 | 0.20 | 148 | 80 |

| 203 | Susan | Mavris | SMAVRIS | 515.123.7777 | 1987-09-28 | HR\_REP | 6500.00 | 0.00 | 101 | 40 |

| 173 | Sundita | Kumar | SKUMAR | 011.44.1343.329268 | 1987-08-29 | SA\_REP | 6100.00 | 0.10 | 148 | 80 |

| 166 | Sundar | Ande | SANDE | 011.44.1346.629268 | 1987-08-22 | SA\_REP | 6400.00 | 0.10 | 147 | 80 |

| 128 | Steven | Markle | SMARKLE | 650.124.1434 | 1987-07-15 | ST\_CLERK | 2200.00 | 0.00 | 120 | 50 |

| 100 | Steven | King | SKING | 515.123.4567 | 1987-06-17 | AD\_PRES | 24000.00 | 0.00 | 0 | 90 |

| 138 | Stephen | Stiles | SSTILES | 650.121.2034 | 1987-07-25 | ST\_CLERK | 3200.00 | 0.00 | 123 | 50 |

| 117 | Sigal | Tobias | STOBIAS | 515.127.4564 | 1987-07-04 | PU\_CLERK | 2800.00 | 0.00 | 114 | 30 |

| 116 | Shelli | Baida | SBAIDA | 515.127.4563 | 1987-07-03 | PU\_CLERK | 2900.00 | 0.00 | 114 | 30 |

| 205 | Shelley | Higgins | SHIGGINS | 515.123.8080 | 1987-09-30 | AC\_MGR | 12000.00 | 0.00 | 101 | 110 |

| 123 | Shanta | Vollman | SVOLLMAN | 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 | 650.501.1876 | 1987-09-17 | SH\_CLERK | 4000.00 | 0.00 | 123 | 50 |

| 194 | Samuel | McCain | SMCCAIN | 650.501.3876 | 1987-09-19 | SH\_CLERK | 3200.00 | 0.00 | 123 | 50 |

| 137 | Renske | Ladwig | RLADWIG | 650.121.1234 | 1987-07-24 | ST\_CLERK | 3600.00 | 0.00 | 123 | 50 |

| 143 | Randall | Matos | RMATOS | 650.121.2874 | 1987-07-30 | ST\_CLERK | 2600.00 | 0.00 | 124 | 50 |

| 191 | Randall | Perkins | RPERKINS | 650.505.4876 | 1987-09-16 | SH\_CLERK | 2500.00 | 0.00 | 122 | 50 |

| 144 | Peter | Vargas | PVARGAS | 650.121.2004 | 1987-07-31 | ST\_CLERK | 2500.00 | 0.00 | 124 | 50 |

| 152 | Peter | Hall | PHALL | 011.44.1344.478968 | 1987-08-08 | SA\_REP | 9000.00 | 0.25 | 145 | 80 |

| 150 | Peter | Tucker | PTUCKER | 011.44.1344.129268 | 1987-08-06 | SA\_REP | 10000.00 | 0.30 | 145 | 80 |

| 122 | Payam | Kaufling | PKAUFLIN | 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 | SA\_REP | 9500.00 | 0.35 | 146 | 80 |

| 202 | Pat | Fay | PFAY | 603.123.6666 | 1987-09-27 | MK\_REP | 6000.00 | 0.00 | 201 | 20 |

| 400 | Pappu | Singh | NULL | NULL | NULL | NULL | 33000.00 | NULL | NULL | NULL |

| 155 | Oliver | Tuvault | OTUVAULT | 011.44.1344.486508 | 1987-08-11 | SA\_REP | 7000.00 | 0.15 | 145 | 80 |

| 101 | Neena | Kochhar | NKOCHHAR | 515.123.4568 | 1987-06-18 | AD\_VP | 17000.00 | 0.00 | 100 | 90 |

| 154 | Nanette | Cambrault | NCAMBRAU | 011.44.1344.987668 | 1987-08-10 | SA\_REP | 7500.00 | 0.20 | 145 | 80 |

| 184 | Nandita | Sarchand | NSARCHAN | 650.509.1876 | 1987-09-09 | SH\_CLERK | 4200.00 | 0.00 | 121 | 50 |

| 108 | Nancy | Greenberg | NGREENBE | 515.124.4569 | 1987-06-25 | FI\_MGR | 12000.00 | 0.00 | 101 | 100 |

| 130 | Mozhe | Atkinson | MATKINSO | 650.124.6234 | 1987-07-17 | ST\_CLERK | 2800.00 | 0.00 | 121 | 50 |

| 134 | Michael | Rogers | MROGERS | 650.127.1834 | 1987-07-21 | ST\_CLERK | 2900.00 | 0.00 | 122 | 50 |

| 201 | Michael | Hartstein | MHARTSTE | 515.123.5555 | 1987-09-26 | MK\_MAN | 13000.00 | 0.00 | 100 | 20 |

| 120 | Matthew | Weiss | MWEISS | 650.123.1234 | 1987-07-07 | ST\_MAN | 8000.00 | 0.00 | 100 | 50 |

| 164 | Mattea | Marvins | MMARVINS | 011.44.1346.329268 | 1987-08-20 | SA\_REP | 7200.00 | 0.10 | 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 | 0.00 | 108 | 100 |

| 160 | Louise | Doran | LDORAN | 011.44.1345.629268 | 1987-08-16 | SA\_REP | 7500.00 | 0.30 | 146 | 80 |

| 168 | Lisa | Ozer | LOZER | 011.44.1343.929268 | 1987-08-24 | SA\_REP | 11500.00 | 0.25 | 148 | 80 |

| 159 | Lindsey | Smith | LSMITH | 011.44.1345.729268 | 1987-08-15 | SA\_REP | 8000.00 | 0.30 | 146 | 80 |

| 102 | Lex | De Haan | LDEHAAN | 515.123.4569 | 1987-06-19 | AD\_VP | 150000.00 | 0.00 | 100 | 90 |

| 129 | Laura | Bissot | LBISSOT | 650.124.5234 | 1987-07-16 | ST\_CLERK | 3300.00 | 0.00 | 121 | 50 |

| 178 | Kimberely | Grant | KGRANT | 011.44.1644.429263 | 1987-09-03 | SA\_REP | 7000.00 | 0.15 | 149 | 0 |

| 135 | Ki | Gee | KGEE | 650.127.1734 | 1987-07-22 | ST\_CLERK | 2400.00 | 0.00 | 122 | 50 |

| 197 | Kevin | Feeney | KFEENEY | 650.507.9822 | 1987-09-22 | SH\_CLERK | 3000.00 | 0.00 | 124 | 50 |

| 124 | Kevin | Mourgos | KMOURGOS | 650.123.5234 | 1987-07-11 | ST\_MAN | 5800.00 | 0.00 | 100 | 50 |

| 188 | Kelly | Chung | KCHUNG | 650.505.1876 | 1987-09-13 | SH\_CLERK | 3800.00 | 0.00 | 122 | 50 |

| 119 | Karen | Colmenares | KCOLMENA | 515.127.4566 | 1987-07-06 | PU\_CLERK | 2500.00 | 0.00 | 114 | 30 |

| 146 | Karen | Partners | KPARTNER | 011.44.1344.467268 | 1987-08-02 | SA\_MAN | 13500.00 | 0.30 | 100 | 80 |

| 186 | Julia | Dellinger | JDELLING | 650.509.3876 | 1987-09-11 | SH\_CLERK | 3400.00 | 0.00 | 121 | 50 |

| 125 | Julia | Nayer | JNAYER | 650.124.1214 | 1987-07-12 | ST\_CLERK | 3200.00 | 0.00 | 120 | 50 |

| 140 | Joshua | Patel | JPATEL | 650.121.1834 | 1987-07-27 | ST\_CLERK | 2500.00 | 0.00 | 123 | 50 |

| 112 | Jose Manuel | Urman | JMURMAN | 515.124.4469 | 1987-06-29 | FI\_ACCOUNT | 7800.00 | 0.00 | 108 | 100 |

| 176 | Jonathon | Taylor | JTAYLOR | 011.44.1644.429265 | 1987-09-01 | SA\_REP | 8600.00 | 0.20 | 149 | 80 |

| 139 | John | Seo | JSEO | 650.121.2019 | 1987-07-26 | ST\_CLERK | 2700.00 | 0.00 | 123 | 50 |

| 110 | John | Chen | JCHEN | 515.124.4269 | 1987-06-27 | FI\_ACCOUNT | 8200.00 | 0.00 | 108 | 100 |

| 145 | John | Russell | JRUSSEL | 011.44.1344.429268 | 1987-08-01 | SA\_MAN | 14000.00 | 0.40 | 100 | 80 |

| 200 | Jennifer | Whalen | JWHALEN | 515.123.4444 | 1987-09-25 | AD\_ASST | 4400.00 | 0.00 | 101 | 10 |

| 189 | Jennifer | Dilly | JDILLY | 650.505.2876 | 1987-09-14 | SH\_CLERK | 3600.00 | 0.00 | 122 | 50 |

| 181 | Jean | Fleaur | JFLEAUR | 650.507.9877 | 1987-09-06 | SH\_CLERK | 3100.00 | 0.00 | 120 | 50 |

| 133 | Jason | Mallin | JMALLIN | 650.127.1934 | 1987-07-20 | ST\_CLERK | 3300.00 | 0.00 | 122 | 50 |

| 156 | Janette | King | JKING | 011.44.1345.429268 | 1987-08-12 | SA\_REP | 10000.00 | 0.35 | 146 | 80 |

| 127 | James | Landry | JLANDRY | 650.124.1334 | 1987-07-14 | ST\_CLERK | 2400.00 | 0.00 | 120 | 50 |

| 131 | James | Marlow | JAMRLOW | 650.124.7234 | 1987-07-18 | ST\_CLERK | 2500.00 | 0.00 | 121 | 50 |

| 177 | Jack | Livingston | JLIVINGS | 011.44.1644.429264 | 1987-09-02 | SA\_REP | 8400.00 | 0.20 | 149 | 80 |

| 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 | 0.00 | 120 | 50 |

| 204 | Hermann | Baer | HBAER | 515.123.8888 | 1987-09-29 | PR\_REP | 10000.00 | 0.00 | 101 | 70 |

| 136 | Hazel | Philtanker | HPHILTAN | 650.127.1634 | 1987-07-23 | ST\_CLERK | 2200.00 | 0.00 | 122 | 50 |

| 169 | Harrison | Bloom | HBLOOM | 011.44.1343.829268 | 1987-08-25 | SA\_REP | 10000.00 | 0.20 | 148 | 80 |

| 118 | Guy | Himuro | GHIMURO | 515.127.4565 | 1987-07-05 | PU\_CLERK | 2600.00 | 0.00 | 114 | 30 |

| 183 | Girard | Geoni | GGEONI | 650.507.9879 | 1987-09-08 | SH\_CLERK | 2800.00 | 0.00 | 120 | 50 |

| 148 | Gerald | Cambrault | GCAMBRAU | 011.44.1344.619268 | 1987-08-04 | SA\_MAN | 11000.00 | 0.30 | 100 | 80 |

| 174 | Ellen | Abel | EABEL | 011.44.1644.429267 | 1987-08-30 | SA\_REP | 11000.00 | 0.30 | 149 | 80 |

| 172 | Elizabeth | Bates | EBATES | 011.44.1343.529268 | 1987-08-28 | SA\_REP | 7300.00 | 0.15 | 148 | 80 |

| 149 | Eleni | Zlotkey | EZLOTKEY | 011.44.1344.429018 | 1987-08-05 | SA\_MAN | 10500.00 | 0.20 | 100 | 80 |

| 199 | Douglas | Grant | DGRANT | 650.507.9844 | 1987-09-24 | SH\_CLERK | 2600.00 | 0.00 | 124 | 50 |

| 198 | Donald | OConnell | DOCONNEL | 650.507.9833 | 1987-09-23 | SH\_CLERK | 2600.00 | 0.00 | 124 | 50 |

| 107 | Diana | Lorentz | DLORENTZ | 590.423.5567 | 1987-06-24 | IT\_PROG | 4200.00 | 0.00 | 103 | 60 |

| 114 | Den | Raphaely | DRAPHEAL | 515.127.4561 | 1987-07-01 | PU\_MAN | 11000.00 | 0.00 | 100 | 30 |

| 105 | David | Austin | DAUSTIN | 590.423.4569 | 1987-06-22 | IT\_PROG | 4800.00 | 0.00 | 103 | 60 |

| 151 | David | Bernstein | DBERNSTE | 011.44.1344.345268 | 1987-08-07 | SA\_REP | 9500.00 | 0.25 | 145 | 80 |

| 165 | David | Lee | DLEE | 011.44.1346.529268 | 1987-08-21 | SA\_REP | 6800.00 | 0.10 | 147 | 80 |

| 163 | Danielle | Greene | DGREENE | 011.44.1346.229268 | 1987-08-19 | SA\_REP | 9500.00 | 0.15 | 147 | 80 |

| 109 | Daniel | Faviet | DFAVIET | 515.124.4169 | 1987-06-26 | FI\_ACCOUNT | 9000.00 | 0.00 | 108 | 100 |

| 142 | Curtis | 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 |

| 153 | Christopher | Olsen | COLSEN | 011.44.1344.498718 | 1987-08-09 | SA\_REP | 8000.00 | 0.20 | 145 | 80 |

| 179 | Charles | Johnson | CJOHNSON | 011.44.1644.429262 | 1987-09-04 | SA\_REP | 6200.00 | 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 |

| 187 | Anthony | Cabrio | ACABRIO | 650.509.4876 | 1987-09-12 | SH\_CLERK | 3000.00 | 0.00 | 121 | 50 |

| 167 | Amit | Banda | ABANDA | 011.44.1346.729268 | 1987-08-23 | SA\_REP | 6200.00 | 0.10 | 147 | 80 |

| 175 | Alyssa | Hutton | AHUTTON | 011.44.1644.429266 | 1987-08-31 | SA\_REP | 8800.00 | 0.25 | 149 | 80 |

| 158 | Allan | McEwen | AMCEWEN | 011.44.1345.829268 | 1987-08-14 | SA\_REP | 9000.00 | 0.35 | 146 | 80 |

| 185 | Alexis | Bull | ABULL | 650.509.2876 | 1987-09-10 | SH\_CLERK | 4100.00 | 0.00 | 121 | 50 |

| 103 | Alexander | Hunold | AHUNOLD | 590.423.4567 | 1987-06-20 | IT\_PROG | 9000.00 | 0.00 | 102 | 60 |

| 115 | Alexander | Khoo | AKHOO | 515.127.4562 | 1987-07-02 | PU\_CLERK | 3100.00 | 0.00 | 114 | 30 |

| 147 | Alberto | Errazuriz | AERRAZUR | 011.44.1344.429278 | 1987-08-03 | SA\_MAN | 12000.00 | 0.30 | 100 | 80 |

| 196 | Alana | Walsh | AWALSH | 650.507.9811 | 1987-09-21 | SH\_CLERK | 3100.00 | 0.00 | 124 | 50 |

| 121 | Adam | Fripp | AFRIPP | 650.123.2234 | 1987-07-08 | ST\_MAN | 8200.00 | 0.00 | 100 | 50 |

+-------------+-------------+-------------+----------+--------------------+------------+------------+-----------+----------------+------------+---------------+

108 rows in set (0.00 sec)

mysql> select \* from employees

-> order by SALARY;

+-------------+-------------+-------------+----------+--------------------+------------+------------+-----------+----------------+------------+---------------+

| EMPLOYEE\_ID | FIRST\_NAME | LAST\_NAME | EMAIL | PHONE\_NUMBER | HIRE\_DATE | JOB\_ID | SALARY | COMMISSION\_PCT | MANAGER\_ID | DEPARTMENT\_ID |

+-------------+-------------+-------------+----------+--------------------+------------+------------+-----------+----------------+------------+---------------+

| 132 | TJ | Olson | TJOLSON | 650.124.8234 | 1987-07-19 | ST\_CLERK | 2100.00 | 0.00 | 121 | 50 |

| 128 | Steven | Markle | SMARKLE | 650.124.1434 | 1987-07-15 | ST\_CLERK | 2200.00 | 0.00 | 120 | 50 |

| 136 | Hazel | Philtanker | HPHILTAN | 650.127.1634 | 1987-07-23 | ST\_CLERK | 2200.00 | 0.00 | 122 | 50 |

| 127 | James | Landry | JLANDRY | 650.124.1334 | 1987-07-14 | ST\_CLERK | 2400.00 | 0.00 | 120 | 50 |

| 135 | Ki | Gee | KGEE | 650.127.1734 | 1987-07-22 | ST\_CLERK | 2400.00 | 0.00 | 122 | 50 |

| 182 | Martha | Sullivan | MSULLIVA | 650.507.9878 | 1987-09-07 | SH\_CLERK | 2500.00 | 0.00 | 120 | 50 |

| 140 | Joshua | Patel | JPATEL | 650.121.1834 | 1987-07-27 | ST\_CLERK | 2500.00 | 0.00 | 123 | 50 |

| 191 | Randall | Perkins | RPERKINS | 650.505.4876 | 1987-09-16 | SH\_CLERK | 2500.00 | 0.00 | 122 | 50 |

| 119 | Karen | Colmenares | KCOLMENA | 515.127.4566 | 1987-07-06 | PU\_CLERK | 2500.00 | 0.00 | 114 | 30 |

| 144 | Peter | Vargas | PVARGAS | 650.121.2004 | 1987-07-31 | ST\_CLERK | 2500.00 | 0.00 | 124 | 50 |

| 131 | James | Marlow | JAMRLOW | 650.124.7234 | 1987-07-18 | ST\_CLERK | 2500.00 | 0.00 | 121 | 50 |

| 143 | Randall | Matos | RMATOS | 650.121.2874 | 1987-07-30 | ST\_CLERK | 2600.00 | 0.00 | 124 | 50 |

| 118 | Guy | Himuro | GHIMURO | 515.127.4565 | 1987-07-05 | PU\_CLERK | 2600.00 | 0.00 | 114 | 30 |

| 198 | 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 |

| 139 | John | Seo | JSEO | 650.121.2019 | 1987-07-26 | ST\_CLERK | 2700.00 | 0.00 | 123 | 50 |

| 126 | Irene | Mikkilineni | IMIKKILI | 650.124.1224 | 1987-07-13 | ST\_CLERK | 2700.00 | 0.00 | 120 | 50 |

| 183 | Girard | Geoni | GGEONI | 650.507.9879 | 1987-09-08 | SH\_CLERK | 2800.00 | 0.00 | 120 | 50 |

| 130 | Mozhe | Atkinson | MATKINSO | 650.124.6234 | 1987-07-17 | ST\_CLERK | 2800.00 | 0.00 | 121 | 50 |

| 117 | Sigal | Tobias | STOBIAS | 515.127.4564 | 1987-07-04 | PU\_CLERK | 2800.00 | 0.00 | 114 | 30 |

| 195 | Vance | Jones | VJONES | 650.501.4876 | 1987-09-20 | SH\_CLERK | 2800.00 | 0.00 | 123 | 50 |

| 190 | Timothy | Gates | TGATES | 650.505.3876 | 1987-09-15 | SH\_CLERK | 2900.00 | 0.00 | 122 | 50 |

| 116 | Shelli | Baida | SBAIDA | 515.127.4563 | 1987-07-03 | PU\_CLERK | 2900.00 | 0.00 | 114 | 30 |

| 134 | Michael | Rogers | MROGERS | 650.127.1834 | 1987-07-21 | ST\_CLERK | 2900.00 | 0.00 | 122 | 50 |

| 197 | Kevin | Feeney | KFEENEY | 650.507.9822 | 1987-09-22 | SH\_CLERK | 3000.00 | 0.00 | 124 | 50 |

| 187 | Anthony | Cabrio | ACABRIO | 650.509.4876 | 1987-09-12 | SH\_CLERK | 3000.00 | 0.00 | 121 | 50 |

| 181 | Jean | Fleaur | JFLEAUR | 650.507.9877 | 1987-09-06 | SH\_CLERK | 3100.00 | 0.00 | 120 | 50 |

| 115 | Alexander | Khoo | AKHOO | 515.127.4562 | 1987-07-02 | PU\_CLERK | 3100.00 | 0.00 | 114 | 30 |

| 196 | Alana | Walsh | AWALSH | 650.507.9811 | 1987-09-21 | SH\_CLERK | 3100.00 | 0.00 | 124 | 50 |

| 142 | Curtis | Davies | CDAVIES | 650.121.2994 | 1987-07-29 | ST\_CLERK | 3100.00 | 0.00 | 124 | 50 |

| 180 | Winston | Taylor | WTAYLOR | 650.507.9876 | 1987-09-05 | SH\_CLERK | 3200.00 | 0.00 | 120 | 50 |

| 194 | Samuel | McCain | SMCCAIN | 650.501.3876 | 1987-09-19 | SH\_CLERK | 3200.00 | 0.00 | 123 | 50 |

| 125 | Julia | Nayer | JNAYER | 650.124.1214 | 1987-07-12 | ST\_CLERK | 3200.00 | 0.00 | 120 | 50 |

| 138 | Stephen | Stiles | SSTILES | 650.121.2034 | 1987-07-25 | ST\_CLERK | 3200.00 | 0.00 | 123 | 50 |

| 129 | Laura | Bissot | LBISSOT | 650.124.5234 | 1987-07-16 | ST\_CLERK | 3300.00 | 0.00 | 121 | 50 |

| 133 | Jason | Mallin | JMALLIN | 650.127.1934 | 1987-07-20 | ST\_CLERK | 3300.00 | 0.00 | 122 | 50 |

| 186 | Julia | Dellinger | JDELLING | 650.509.3876 | 1987-09-11 | SH\_CLERK | 3400.00 | 0.00 | 121 | 50 |

| 141 | Trenna | Rajs | TRAJS | 650.121.8009 | 1987-07-28 | ST\_CLERK | 3500.00 | 0.00 | 124 | 50 |

| 189 | Jennifer | Dilly | JDILLY | 650.505.2876 | 1987-09-14 | SH\_CLERK | 3600.00 | 0.00 | 122 | 50 |

| 137 | Renske | Ladwig | RLADWIG | 650.121.1234 | 1987-07-24 | ST\_CLERK | 3600.00 | 0.00 | 123 | 50 |

| 188 | Kelly | Chung | KCHUNG | 650.505.1876 | 1987-09-13 | SH\_CLERK | 3800.00 | 0.00 | 122 | 50 |

| 193 | Britney | Everett | BEVERETT | 650.501.2876 | 1987-09-18 | SH\_CLERK | 3900.00 | 0.00 | 123 | 50 |

| 192 | Sarah | Bell | SBELL | 650.501.1876 | 1987-09-17 | SH\_CLERK | 4000.00 | 0.00 | 123 | 50 |

| 185 | Alexis | Bull | ABULL | 650.509.2876 | 1987-09-10 | SH\_CLERK | 4100.00 | 0.00 | 121 | 50 |

| 184 | Nandita | Sarchand | NSARCHAN | 650.509.1876 | 1987-09-09 | SH\_CLERK | 4200.00 | 0.00 | 121 | 50 |

| 107 | Diana | Lorentz | DLORENTZ | 590.423.5567 | 1987-06-24 | IT\_PROG | 4200.00 | 0.00 | 103 | 60 |

| 200 | Jennifer | Whalen | JWHALEN | 515.123.4444 | 1987-09-25 | AD\_ASST | 4400.00 | 0.00 | 101 | 10 |

| 106 | Valli | Pataballa | VPATABAL | 590.423.4560 | 1987-06-23 | IT\_PROG | 4800.00 | 0.00 | 103 | 60 |

| 105 | David | Austin | DAUSTIN | 590.423.4569 | 1987-06-22 | IT\_PROG | 4800.00 | 0.00 | 103 | 60 |

| 124 | Kevin | Mourgos | KMOURGOS | 650.123.5234 | 1987-07-11 | ST\_MAN | 5800.00 | 0.00 | 100 | 50 |

| 104 | Bruce | Ernst | BERNST | 590.423.4568 | 1987-06-21 | IT\_PROG | 6000.00 | 0.00 | 103 | 60 |

| 202 | Pat | Fay | PFAY | 603.123.6666 | 1987-09-27 | MK\_REP | 6000.00 | 0.00 | 201 | 20 |

| 173 | Sundita | Kumar | SKUMAR | 011.44.1343.329268 | 1987-08-29 | SA\_REP | 6100.00 | 0.10 | 148 | 80 |

| 179 | Charles | Johnson | CJOHNSON | 011.44.1644.429262 | 1987-09-04 | SA\_REP | 6200.00 | 0.10 | 149 | 80 |

| 167 | Amit | Banda | ABANDA | 011.44.1346.729268 | 1987-08-23 | SA\_REP | 6200.00 | 0.10 | 147 | 80 |

| 166 | Sundar | Ande | SANDE | 011.44.1346.629268 | 1987-08-22 | SA\_REP | 6400.00 | 0.10 | 147 | 80 |

| 123 | Shanta | Vollman | SVOLLMAN | 650.123.4234 | 1987-07-10 | ST\_MAN | 6500.00 | 0.00 | 100 | 50 |

| 203 | Susan | Mavris | SMAVRIS | 515.123.7777 | 1987-09-28 | HR\_REP | 6500.00 | 0.00 | 101 | 40 |

| 165 | David | Lee | DLEE | 011.44.1346.529268 | 1987-08-21 | SA\_REP | 6800.00 | 0.10 | 147 | 80 |

| 113 | Luis | Popp | LPOPP | 515.124.4567 | 1987-06-30 | FI\_ACCOUNT | 6900.00 | 0.00 | 108 | 100 |

| 178 | Kimberely | Grant | KGRANT | 011.44.1644.429263 | 1987-09-03 | SA\_REP | 7000.00 | 0.15 | 149 | 0 |

| 155 | Oliver | Tuvault | OTUVAULT | 011.44.1344.486508 | 1987-08-11 | SA\_REP | 7000.00 | 0.15 | 145 | 80 |

| 161 | Sarath | Sewall | SSEWALL | 011.44.1345.529268 | 1987-08-17 | SA\_REP | 7000.00 | 0.25 | 146 | 80 |

| 164 | Mattea | Marvins | MMARVINS | 011.44.1346.329268 | 1987-08-20 | SA\_REP | 7200.00 | 0.10 | 147 | 80 |

| 172 | Elizabeth | Bates | EBATES | 011.44.1343.529268 | 1987-08-28 | SA\_REP | 7300.00 | 0.15 | 148 | 80 |

| 171 | William | Smith | WSMITH | 011.44.1343.629268 | 1987-08-27 | SA\_REP | 7400.00 | 0.15 | 148 | 80 |

| 160 | Louise | Doran | LDORAN | 011.44.1345.629268 | 1987-08-16 | SA\_REP | 7500.00 | 0.30 | 146 | 80 |

| 154 | Nanette | Cambrault | NCAMBRAU | 011.44.1344.987668 | 1987-08-10 | SA\_REP | 7500.00 | 0.20 | 145 | 80 |

| 111 | Ismael | Sciarra | ISCIARRA | 515.124.4369 | 1987-06-28 | FI\_ACCOUNT | 7700.00 | 0.00 | 108 | 100 |

| 112 | Jose Manuel | Urman | JMURMAN | 515.124.4469 | 1987-06-29 | FI\_ACCOUNT | 7800.00 | 0.00 | 108 | 100 |

| 122 | Payam | Kaufling | PKAUFLIN | 650.123.3234 | 1987-07-09 | ST\_MAN | 7900.00 | 0.00 | 100 | 50 |

| 153 | Christopher | Olsen | COLSEN | 011.44.1344.498718 | 1987-08-09 | SA\_REP | 8000.00 | 0.20 | 145 | 80 |

| 120 | Matthew | Weiss | MWEISS | 650.123.1234 | 1987-07-07 | ST\_MAN | 8000.00 | 0.00 | 100 | 50 |

| 159 | Lindsey | Smith | LSMITH | 011.44.1345.729268 | 1987-08-15 | SA\_REP | 8000.00 | 0.30 | 146 | 80 |

| 121 | Adam | Fripp | AFRIPP | 650.123.2234 | 1987-07-08 | ST\_MAN | 8200.00 | 0.00 | 100 | 50 |

| 110 | John | Chen | JCHEN | 515.124.4269 | 1987-06-27 | FI\_ACCOUNT | 8200.00 | 0.00 | 108 | 100 |

| 206 | William | Gietz | WGIETZ | 515.123.8181 | 1987-10-01 | AC\_ACCOUNT | 8300.00 | 0.00 | 205 | 110 |

| 177 | Jack | Livingston | JLIVINGS | 011.44.1644.429264 | 1987-09-02 | SA\_REP | 8400.00 | 0.20 | 149 | 80 |

| 176 | Jonathon | Taylor | JTAYLOR | 011.44.1644.429265 | 1987-09-01 | SA\_REP | 8600.00 | 0.20 | 149 | 80 |

| 175 | Alyssa | Hutton | AHUTTON | 011.44.1644.429266 | 1987-08-31 | SA\_REP | 8800.00 | 0.25 | 149 | 80 |

| 152 | Peter | Hall | PHALL | 011.44.1344.478968 | 1987-08-08 | SA\_REP | 9000.00 | 0.25 | 145 | 80 |

| 103 | Alexander | Hunold | AHUNOLD | 590.423.4567 | 1987-06-20 | IT\_PROG | 9000.00 | 0.00 | 102 | 60 |

| 158 | Allan | McEwen | AMCEWEN | 011.44.1345.829268 | 1987-08-14 | SA\_REP | 9000.00 | 0.35 | 146 | 80 |

| 109 | Daniel | Faviet | DFAVIET | 515.124.4169 | 1987-06-26 | FI\_ACCOUNT | 9000.00 | 0.00 | 108 | 100 |

| 157 | Patrick | Sully | PSULLY | 011.44.1345.929268 | 1987-08-13 | SA\_REP | 9500.00 | 0.35 | 146 | 80 |

| 151 | David | Bernstein | DBERNSTE | 011.44.1344.345268 | 1987-08-07 | SA\_REP | 9500.00 | 0.25 | 145 | 80 |

| 163 | Danielle | Greene | DGREENE | 011.44.1346.229268 | 1987-08-19 | SA\_REP | 9500.00 | 0.15 | 147 | 80 |

| 170 | Tayler | Fox | TFOX | 011.44.1343.729268 | 1987-08-26 | SA\_REP | 9600.00 | 0.20 | 148 | 80 |

| 204 | Hermann | Baer | HBAER | 515.123.8888 | 1987-09-29 | PR\_REP | 10000.00 | 0.00 | 101 | 70 |

| 169 | Harrison | Bloom | HBLOOM | 011.44.1343.829268 | 1987-08-25 | SA\_REP | 10000.00 | 0.20 | 148 | 80 |

| 156 | Janette | King | JKING | 011.44.1345.429268 | 1987-08-12 | SA\_REP | 10000.00 | 0.35 | 146 | 80 |

| 150 | Peter | Tucker | PTUCKER | 011.44.1344.129268 | 1987-08-06 | SA\_REP | 10000.00 | 0.30 | 145 | 80 |

| 162 | Clara | Vishney | CVISHNEY | 011.44.1346.129268 | 1987-08-18 | SA\_REP | 10500.00 | 0.25 | 147 | 80 |

| 149 | Eleni | Zlotkey | EZLOTKEY | 011.44.1344.429018 | 1987-08-05 | SA\_MAN | 10500.00 | 0.20 | 100 | 80 |

| 174 | Ellen | Abel | EABEL | 011.44.1644.429267 | 1987-08-30 | SA\_REP | 11000.00 | 0.30 | 149 | 80 |

| 148 | Gerald | Cambrault | GCAMBRAU | 011.44.1344.619268 | 1987-08-04 | SA\_MAN | 11000.00 | 0.30 | 100 | 80 |

| 114 | Den | Raphaely | DRAPHEAL | 515.127.4561 | 1987-07-01 | PU\_MAN | 11000.00 | 0.00 | 100 | 30 |

| 168 | Lisa | Ozer | LOZER | 011.44.1343.929268 | 1987-08-24 | SA\_REP | 11500.00 | 0.25 | 148 | 80 |

| 205 | Shelley | Higgins | SHIGGINS | 515.123.8080 | 1987-09-30 | AC\_MGR | 12000.00 | 0.00 | 101 | 110 |

| 147 | Alberto | Errazuriz | AERRAZUR | 011.44.1344.429278 | 1987-08-03 | SA\_MAN | 12000.00 | 0.30 | 100 | 80 |

| 108 | Nancy | Greenberg | NGREENBE | 515.124.4569 | 1987-06-25 | FI\_MGR | 12000.00 | 0.00 | 101 | 100 |

| 201 | Michael | Hartstein | MHARTSTE | 515.123.5555 | 1987-09-26 | MK\_MAN | 13000.00 | 0.00 | 100 | 20 |

| 146 | Karen | Partners | KPARTNER | 011.44.1344.467268 | 1987-08-02 | SA\_MAN | 13500.00 | 0.30 | 100 | 80 |

| 145 | John | Russell | JRUSSEL | 011.44.1344.429268 | 1987-08-01 | SA\_MAN | 14000.00 | 0.40 | 100 | 80 |

| 101 | Neena | Kochhar | NKOCHHAR | 515.123.4568 | 1987-06-18 | AD\_VP | 17000.00 | 0.00 | 100 | 90 |

| 100 | Steven | King | SKING | 515.123.4567 | 1987-06-17 | AD\_PRES | 24000.00 | 0.00 | 0 | 90 |

| 400 | Pappu | Singh | NULL | NULL | NULL | NULL | 33000.00 | NULL | NULL | NULL |

| 102 | Lex | De Haan | LDEHAAN | 515.123.4569 | 1987-06-19 | AD\_VP | 150000.00 | 0.00 | 100 | 90 |

+-------------+-------------+-------------+----------+--------------------+------------+------------+-----------+----------------+------------+---------------+

108 rows in set (0.00 sec)

mysql> select \* from employees

-> order by SALARY DESC;

+-------------+-------------+-------------+----------+--------------------+------------+------------+-----------+----------------+------------+---------------+

| EMPLOYEE\_ID | FIRST\_NAME | LAST\_NAME | EMAIL | PHONE\_NUMBER | HIRE\_DATE | JOB\_ID | SALARY | COMMISSION\_PCT | MANAGER\_ID | DEPARTMENT\_ID |

+-------------+-------------+-------------+----------+--------------------+------------+------------+-----------+----------------+------------+---------------+

| 102 | Lex | De Haan | LDEHAAN | 515.123.4569 | 1987-06-19 | AD\_VP | 150000.00 | 0.00 | 100 | 90 |

| 400 | Pappu | Singh | NULL | NULL | NULL | NULL | 33000.00 | NULL | NULL | NULL |

| 100 | Steven | King | SKING | 515.123.4567 | 1987-06-17 | AD\_PRES | 24000.00 | 0.00 | 0 | 90 |

| 101 | Neena | Kochhar | NKOCHHAR | 515.123.4568 | 1987-06-18 | AD\_VP | 17000.00 | 0.00 | 100 | 90 |

| 145 | John | Russell | JRUSSEL | 011.44.1344.429268 | 1987-08-01 | SA\_MAN | 14000.00 | 0.40 | 100 | 80 |

| 146 | Karen | Partners | KPARTNER | 011.44.1344.467268 | 1987-08-02 | SA\_MAN | 13500.00 | 0.30 | 100 | 80 |

| 201 | Michael | Hartstein | MHARTSTE | 515.123.5555 | 1987-09-26 | MK\_MAN | 13000.00 | 0.00 | 100 | 20 |

| 205 | Shelley | Higgins | SHIGGINS | 515.123.8080 | 1987-09-30 | AC\_MGR | 12000.00 | 0.00 | 101 | 110 |

| 147 | Alberto | Errazuriz | AERRAZUR | 011.44.1344.429278 | 1987-08-03 | SA\_MAN | 12000.00 | 0.30 | 100 | 80 |

| 108 | Nancy | Greenberg | NGREENBE | 515.124.4569 | 1987-06-25 | FI\_MGR | 12000.00 | 0.00 | 101 | 100 |

| 168 | Lisa | Ozer | LOZER | 011.44.1343.929268 | 1987-08-24 | SA\_REP | 11500.00 | 0.25 | 148 | 80 |

| 174 | Ellen | Abel | EABEL | 011.44.1644.429267 | 1987-08-30 | SA\_REP | 11000.00 | 0.30 | 149 | 80 |

| 148 | Gerald | Cambrault | GCAMBRAU | 011.44.1344.619268 | 1987-08-04 | SA\_MAN | 11000.00 | 0.30 | 100 | 80 |

| 114 | Den | Raphaely | DRAPHEAL | 515.127.4561 | 1987-07-01 | PU\_MAN | 11000.00 | 0.00 | 100 | 30 |

| 149 | Eleni | Zlotkey | EZLOTKEY | 011.44.1344.429018 | 1987-08-05 | SA\_MAN | 10500.00 | 0.20 | 100 | 80 |

| 162 | Clara | Vishney | CVISHNEY | 011.44.1346.129268 | 1987-08-18 | SA\_REP | 10500.00 | 0.25 | 147 | 80 |

| 150 | Peter | Tucker | PTUCKER | 011.44.1344.129268 | 1987-08-06 | SA\_REP | 10000.00 | 0.30 | 145 | 80 |

| 169 | Harrison | Bloom | HBLOOM | 011.44.1343.829268 | 1987-08-25 | SA\_REP | 10000.00 | 0.20 | 148 | 80 |

| 204 | Hermann | Baer | HBAER | 515.123.8888 | 1987-09-29 | PR\_REP | 10000.00 | 0.00 | 101 | 70 |

| 156 | Janette | King | JKING | 011.44.1345.429268 | 1987-08-12 | SA\_REP | 10000.00 | 0.35 | 146 | 80 |

| 170 | Tayler | Fox | TFOX | 011.44.1343.729268 | 1987-08-26 | SA\_REP | 9600.00 | 0.20 | 148 | 80 |

| 163 | Danielle | Greene | DGREENE | 011.44.1346.229268 | 1987-08-19 | SA\_REP | 9500.00 | 0.15 | 147 | 80 |

| 157 | Patrick | Sully | PSULLY | 011.44.1345.929268 | 1987-08-13 | SA\_REP | 9500.00 | 0.35 | 146 | 80 |

| 151 | David | Bernstein | DBERNSTE | 011.44.1344.345268 | 1987-08-07 | SA\_REP | 9500.00 | 0.25 | 145 | 80 |

| 109 | Daniel | Faviet | DFAVIET | 515.124.4169 | 1987-06-26 | FI\_ACCOUNT | 9000.00 | 0.00 | 108 | 100 |

| 152 | Peter | Hall | PHALL | 011.44.1344.478968 | 1987-08-08 | SA\_REP | 9000.00 | 0.25 | 145 | 80 |

| 103 | Alexander | Hunold | AHUNOLD | 590.423.4567 | 1987-06-20 | IT\_PROG | 9000.00 | 0.00 | 102 | 60 |

| 158 | Allan | McEwen | AMCEWEN | 011.44.1345.829268 | 1987-08-14 | SA\_REP | 9000.00 | 0.35 | 146 | 80 |

| 175 | Alyssa | Hutton | AHUTTON | 011.44.1644.429266 | 1987-08-31 | SA\_REP | 8800.00 | 0.25 | 149 | 80 |

| 176 | Jonathon | Taylor | JTAYLOR | 011.44.1644.429265 | 1987-09-01 | SA\_REP | 8600.00 | 0.20 | 149 | 80 |

| 177 | Jack | Livingston | JLIVINGS | 011.44.1644.429264 | 1987-09-02 | SA\_REP | 8400.00 | 0.20 | 149 | 80 |

| 206 | William | Gietz | WGIETZ | 515.123.8181 | 1987-10-01 | AC\_ACCOUNT | 8300.00 | 0.00 | 205 | 110 |

| 110 | John | Chen | JCHEN | 515.124.4269 | 1987-06-27 | FI\_ACCOUNT | 8200.00 | 0.00 | 108 | 100 |

| 121 | Adam | Fripp | AFRIPP | 650.123.2234 | 1987-07-08 | ST\_MAN | 8200.00 | 0.00 | 100 | 50 |

| 159 | Lindsey | Smith | LSMITH | 011.44.1345.729268 | 1987-08-15 | SA\_REP | 8000.00 | 0.30 | 146 | 80 |

| 153 | Christopher | Olsen | COLSEN | 011.44.1344.498718 | 1987-08-09 | SA\_REP | 8000.00 | 0.20 | 145 | 80 |

| 120 | Matthew | Weiss | MWEISS | 650.123.1234 | 1987-07-07 | ST\_MAN | 8000.00 | 0.00 | 100 | 50 |

| 122 | Payam | Kaufling | PKAUFLIN | 650.123.3234 | 1987-07-09 | ST\_MAN | 7900.00 | 0.00 | 100 | 50 |

| 112 | Jose Manuel | Urman | JMURMAN | 515.124.4469 | 1987-06-29 | FI\_ACCOUNT | 7800.00 | 0.00 | 108 | 100 |

| 111 | Ismael | Sciarra | ISCIARRA | 515.124.4369 | 1987-06-28 | FI\_ACCOUNT | 7700.00 | 0.00 | 108 | 100 |

| 154 | Nanette | Cambrault | NCAMBRAU | 011.44.1344.987668 | 1987-08-10 | SA\_REP | 7500.00 | 0.20 | 145 | 80 |

| 160 | Louise | Doran | LDORAN | 011.44.1345.629268 | 1987-08-16 | SA\_REP | 7500.00 | 0.30 | 146 | 80 |

| 171 | William | Smith | WSMITH | 011.44.1343.629268 | 1987-08-27 | SA\_REP | 7400.00 | 0.15 | 148 | 80 |

| 172 | Elizabeth | Bates | EBATES | 011.44.1343.529268 | 1987-08-28 | SA\_REP | 7300.00 | 0.15 | 148 | 80 |

| 164 | Mattea | Marvins | MMARVINS | 011.44.1346.329268 | 1987-08-20 | SA\_REP | 7200.00 | 0.10 | 147 | 80 |

| 178 | Kimberely | Grant | KGRANT | 011.44.1644.429263 | 1987-09-03 | SA\_REP | 7000.00 | 0.15 | 149 | 0 |

| 161 | Sarath | Sewall | SSEWALL | 011.44.1345.529268 | 1987-08-17 | SA\_REP | 7000.00 | 0.25 | 146 | 80 |

| 155 | Oliver | Tuvault | OTUVAULT | 011.44.1344.486508 | 1987-08-11 | SA\_REP | 7000.00 | 0.15 | 145 | 80 |

| 113 | Luis | Popp | LPOPP | 515.124.4567 | 1987-06-30 | FI\_ACCOUNT | 6900.00 | 0.00 | 108 | 100 |

| 165 | David | Lee | DLEE | 011.44.1346.529268 | 1987-08-21 | SA\_REP | 6800.00 | 0.10 | 147 | 80 |

| 123 | Shanta | Vollman | SVOLLMAN | 650.123.4234 | 1987-07-10 | ST\_MAN | 6500.00 | 0.00 | 100 | 50 |

| 203 | Susan | Mavris | SMAVRIS | 515.123.7777 | 1987-09-28 | HR\_REP | 6500.00 | 0.00 | 101 | 40 |

| 166 | Sundar | Ande | SANDE | 011.44.1346.629268 | 1987-08-22 | SA\_REP | 6400.00 | 0.10 | 147 | 80 |

| 179 | Charles | Johnson | CJOHNSON | 011.44.1644.429262 | 1987-09-04 | SA\_REP | 6200.00 | 0.10 | 149 | 80 |

| 167 | Amit | Banda | ABANDA | 011.44.1346.729268 | 1987-08-23 | SA\_REP | 6200.00 | 0.10 | 147 | 80 |

| 173 | Sundita | Kumar | SKUMAR | 011.44.1343.329268 | 1987-08-29 | SA\_REP | 6100.00 | 0.10 | 148 | 80 |

| 202 | Pat | Fay | PFAY | 603.123.6666 | 1987-09-27 | MK\_REP | 6000.00 | 0.00 | 201 | 20 |

| 104 | Bruce | Ernst | BERNST | 590.423.4568 | 1987-06-21 | IT\_PROG | 6000.00 | 0.00 | 103 | 60 |

| 124 | Kevin | Mourgos | KMOURGOS | 650.123.5234 | 1987-07-11 | ST\_MAN | 5800.00 | 0.00 | 100 | 50 |

| 106 | Valli | Pataballa | VPATABAL | 590.423.4560 | 1987-06-23 | IT\_PROG | 4800.00 | 0.00 | 103 | 60 |

| 105 | David | Austin | DAUSTIN | 590.423.4569 | 1987-06-22 | IT\_PROG | 4800.00 | 0.00 | 103 | 60 |

| 200 | Jennifer | Whalen | JWHALEN | 515.123.4444 | 1987-09-25 | AD\_ASST | 4400.00 | 0.00 | 101 | 10 |

| 107 | Diana | Lorentz | DLORENTZ | 590.423.5567 | 1987-06-24 | IT\_PROG | 4200.00 | 0.00 | 103 | 60 |

| 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 |

| 192 | Sarah | Bell | SBELL | 650.501.1876 | 1987-09-17 | SH\_CLERK | 4000.00 | 0.00 | 123 | 50 |

| 193 | Britney | Everett | BEVERETT | 650.501.2876 | 1987-09-18 | SH\_CLERK | 3900.00 | 0.00 | 123 | 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 |

| 137 | Renske | Ladwig | RLADWIG | 650.121.1234 | 1987-07-24 | ST\_CLERK | 3600.00 | 0.00 | 123 | 50 |

| 141 | Trenna | Rajs | TRAJS | 650.121.8009 | 1987-07-28 | ST\_CLERK | 3500.00 | 0.00 | 124 | 50 |

| 186 | Julia | Dellinger | JDELLING | 650.509.3876 | 1987-09-11 | SH\_CLERK | 3400.00 | 0.00 | 121 | 50 |

| 129 | Laura | Bissot | LBISSOT | 650.124.5234 | 1987-07-16 | ST\_CLERK | 3300.00 | 0.00 | 121 | 50 |

| 133 | Jason | Mallin | JMALLIN | 650.127.1934 | 1987-07-20 | ST\_CLERK | 3300.00 | 0.00 | 122 | 50 |

| 138 | Stephen | Stiles | SSTILES | 650.121.2034 | 1987-07-25 | ST\_CLERK | 3200.00 | 0.00 | 123 | 50 |

| 125 | Julia | Nayer | JNAYER | 650.124.1214 | 1987-07-12 | ST\_CLERK | 3200.00 | 0.00 | 120 | 50 |

| 194 | Samuel | McCain | SMCCAIN | 650.501.3876 | 1987-09-19 | SH\_CLERK | 3200.00 | 0.00 | 123 | 50 |

| 180 | Winston | Taylor | WTAYLOR | 650.507.9876 | 1987-09-05 | SH\_CLERK | 3200.00 | 0.00 | 120 | 50 |

| 196 | Alana | Walsh | AWALSH | 650.507.9811 | 1987-09-21 | SH\_CLERK | 3100.00 | 0.00 | 124 | 50 |

| 181 | Jean | Fleaur | JFLEAUR | 650.507.9877 | 1987-09-06 | SH\_CLERK | 3100.00 | 0.00 | 120 | 50 |

| 115 | Alexander | Khoo | AKHOO | 515.127.4562 | 1987-07-02 | PU\_CLERK | 3100.00 | 0.00 | 114 | 30 |

| 142 | Curtis | Davies | CDAVIES | 650.121.2994 | 1987-07-29 | ST\_CLERK | 3100.00 | 0.00 | 124 | 50 |

| 187 | Anthony | Cabrio | ACABRIO | 650.509.4876 | 1987-09-12 | SH\_CLERK | 3000.00 | 0.00 | 121 | 50 |

| 197 | Kevin | Feeney | KFEENEY | 650.507.9822 | 1987-09-22 | SH\_CLERK | 3000.00 | 0.00 | 124 | 50 |

| 134 | Michael | Rogers | MROGERS | 650.127.1834 | 1987-07-21 | ST\_CLERK | 2900.00 | 0.00 | 122 | 50 |

| 116 | Shelli | Baida | SBAIDA | 515.127.4563 | 1987-07-03 | PU\_CLERK | 2900.00 | 0.00 | 114 | 30 |

| 190 | Timothy | Gates | TGATES | 650.505.3876 | 1987-09-15 | SH\_CLERK | 2900.00 | 0.00 | 122 | 50 |

| 117 | Sigal | Tobias | STOBIAS | 515.127.4564 | 1987-07-04 | PU\_CLERK | 2800.00 | 0.00 | 114 | 30 |

| 195 | Vance | Jones | VJONES | 650.501.4876 | 1987-09-20 | SH\_CLERK | 2800.00 | 0.00 | 123 | 50 |

| 130 | Mozhe | Atkinson | MATKINSO | 650.124.6234 | 1987-07-17 | ST\_CLERK | 2800.00 | 0.00 | 121 | 50 |

| 183 | Girard | Geoni | GGEONI | 650.507.9879 | 1987-09-08 | SH\_CLERK | 2800.00 | 0.00 | 120 | 50 |

| 126 | Irene | Mikkilineni | IMIKKILI | 650.124.1224 | 1987-07-13 | ST\_CLERK | 2700.00 | 0.00 | 120 | 50 |

| 139 | John | Seo | JSEO | 650.121.2019 | 1987-07-26 | ST\_CLERK | 2700.00 | 0.00 | 123 | 50 |

| 199 | Douglas | Grant | DGRANT | 650.507.9844 | 1987-09-24 | SH\_CLERK | 2600.00 | 0.00 | 124 | 50 |

| 143 | Randall | Matos | RMATOS | 650.121.2874 | 1987-07-30 | ST\_CLERK | 2600.00 | 0.00 | 124 | 50 |

| 118 | Guy | Himuro | GHIMURO | 515.127.4565 | 1987-07-05 | PU\_CLERK | 2600.00 | 0.00 | 114 | 30 |

| 198 | Donald | OConnell | DOCONNEL | 650.507.9833 | 1987-09-23 | SH\_CLERK | 2600.00 | 0.00 | 124 | 50 |

| 182 | Martha | Sullivan | MSULLIVA | 650.507.9878 | 1987-09-07 | SH\_CLERK | 2500.00 | 0.00 | 120 | 50 |

| 140 | Joshua | Patel | JPATEL | 650.121.1834 | 1987-07-27 | ST\_CLERK | 2500.00 | 0.00 | 123 | 50 |

| 144 | Peter | Vargas | PVARGAS | 650.121.2004 | 1987-07-31 | ST\_CLERK | 2500.00 | 0.00 | 124 | 50 |

| 119 | Karen | Colmenares | KCOLMENA | 515.127.4566 | 1987-07-06 | PU\_CLERK | 2500.00 | 0.00 | 114 | 30 |

| 131 | James | Marlow | JAMRLOW | 650.124.7234 | 1987-07-18 | ST\_CLERK | 2500.00 | 0.00 | 121 | 50 |

| 191 | Randall | Perkins | RPERKINS | 650.505.4876 | 1987-09-16 | SH\_CLERK | 2500.00 | 0.00 | 122 | 50 |

| 135 | Ki | Gee | KGEE | 650.127.1734 | 1987-07-22 | ST\_CLERK | 2400.00 | 0.00 | 122 | 50 |

| 127 | James | Landry | JLANDRY | 650.124.1334 | 1987-07-14 | ST\_CLERK | 2400.00 | 0.00 | 120 | 50 |

| 136 | Hazel | Philtanker | HPHILTAN | 650.127.1634 | 1987-07-23 | ST\_CLERK | 2200.00 | 0.00 | 122 | 50 |

| 128 | Steven | Markle | SMARKLE | 650.124.1434 | 1987-07-15 | ST\_CLERK | 2200.00 | 0.00 | 120 | 50 |

| 132 | TJ | Olson | TJOLSON | 650.124.8234 | 1987-07-19 | ST\_CLERK | 2100.00 | 0.00 | 121 | 50 |

+-------------+-------------+-------------+----------+--------------------+------------+------------+-----------+----------------+------------+---------------+

108 rows in set (0.00 sec)

mysql> SELECT COUNT(JOB\_ID) FROM EMPLOYEES;

+---------------+

| COUNT(JOB\_ID) |

+---------------+

| 107 |

+---------------+

1 row in set (0.00 sec)

mysql> SELECt DISCINCT COUNT(JOB\_ID) FROM EMPLOYEES;

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'COUNT(JOB\_ID) FROM EMPLOYEES' at line 1

mysql> SELECT DISTINCT COUNT(JOB\_ID) FROM EMPLOYEES;

+---------------+

| COUNT(JOB\_ID) |

+---------------+

| 107 |

+---------------+

1 row in set (0.00 sec)

mysql> SELECT COUNT DISTINCT(JOB\_ID) FROM EMPLOYEES;

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'DISTINCT(JOB\_ID) FROM EMPLOYEES' at line 1

mysql> SELECT COUNT (DISTINCT JOB\_ID) FROM EMPLOYEES;

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'DISTINCT JOB\_ID) FROM EMPLOYEES' at line 1

mysql> SELECT COUNT(DISTINCT (JOB\_ID)) FROM EMPLOYEES;

+--------------------------+

| COUNT(DISTINCT (JOB\_ID)) |

+--------------------------+

| 19 |

+--------------------------+

1 row in set (0.00 sec)

mysql> SELECT NAME\_FIRST,SALARY FROM EMPLOYEES WHERE SALARY=(MAX-1);

ERROR 1054 (42S22): Unknown column 'NAME\_FIRST' in 'field list'

mysql> SELECT MAX(SALARY) FROM EMPLOYEES

-> WHERE SALARY < SELECT MAX(SALARY)FROM employee;

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'SELECT MAX(SALARY)FROM employee' at line 2

mysql> SELECT MAX(SALARY) FROM EMPLOYEES ;

+-------------+

| MAX(SALARY) |

+-------------+

| 150000.00 |

+-------------+

1 row in set (0.00 sec)

mysql> SELECT MAX(SALARY) FROM EMPLOYEES

-> ;

+-------------+

| MAX(SALARY) |

+-------------+

| 150000.00 |

+-------------+

1 row in set (0.00 sec)

mysql> SELECT MAX(SALARY) WHERE MAX(SALARY) < SELECT MAX(SALARY) FROM EMPLOYEES;

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'WHERE MAX(SALARY) < SELECT MAX(SALARY) FROM EMPLOYEES' at line 1

mysql> SELECT MAX(SALARY) FROM EMPLOYEES WHERE MAX(SALARY) < SELECT MAX(SALARY) FROM EMPLOYEES;

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'SELECT MAX(SALARY) FROM EMPLOYEES' at line 1

mysql> SELECT MAX(SALARY) FROM EMPLOYEES

-> WHERE max(SALARY)<(SELECT MAX(SALARY) FROM EMPLOYEES);

ERROR 1111 (HY000): Invalid use of group function

mysql> SELECT MAX(SALARY) FROM EMPLOYEES

-> WHERE SALARY < (SELECT MAX(SALARY) FROM EMPLOYEES);

+-------------+

| MAX(SALARY) |

+-------------+

| 33000.00 |

+-------------+

1 row in set (0.00 sec)

mysql> SELECT MIN(SALARY) FROM EMPLOYEES

-> SELECT MIN(SALARY) FROM EMPLOYEES;

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'SELECT MIN(SALARY) FROM EMPLOYEES' at line 2

mysql> SELECT MIN(SALARY) FROM EMPLOYEES;

+-------------+

| MIN(SALARY) |

+-------------+

| 2100.00 |

+-------------+

1 row in set (0.00 sec)

mysql> SELECT MIN(SALARY) FROM EMPLOYEES

-> WHERE SALARY>(SELECT MIN(SALARY)FROM EMPLOYEE);

+-------------+

| MIN(SALARY) |

+-------------+

| NULL |

+-------------+

1 row in set (0.00 sec)

mysql> SELECT MIN(SALARY) FROM EMPLOYEES

-> WHERE SALARY>(SELECT MIN(SALARY)FROM EMPLOYEE);

+-------------+

| MIN(SALARY) |

+-------------+

| NULL |

+-------------+

1 row in set (0.00 sec)

mysql> SELECT MIN(SALARY) FROM EMPLOYEES

-> WHERE SALARY<(SELECT MIN(SALARY)FROM EMPLOYEE);

+-------------+

| MIN(SALARY) |

+-------------+

| NULL |

+-------------+

1 row in set (0.00 sec)

mysql> SELECT MIN(SALARY) FROM EMPLOYEES

-> WHERE SALARY > (SELECT MIN(SALARY)FROM EMPLOYEE);

+-------------+

| MIN(SALARY) |

+-------------+

| NULL |

+-------------+

1 row in set (0.00 sec)

mysql> SELECT \* FROM EMPLOYEES

-> WHERE SALARY > (SELECT MIN(SALARY)FROM EMPLOYEE);

Empty set (0.00 sec)

mysql> SELECT \* FROM EMPLOYEES

-> GROUP BY JOB\_ID;

+-------------+------------+-----------+----------+--------------------+------------+------------+----------+----------------+------------+---------------+

| EMPLOYEE\_ID | FIRST\_NAME | LAST\_NAME | EMAIL | PHONE\_NUMBER | HIRE\_DATE | JOB\_ID | SALARY | COMMISSION\_PCT | MANAGER\_ID | DEPARTMENT\_ID |

+-------------+------------+-----------+----------+--------------------+------------+------------+----------+----------------+------------+---------------+

| 400 | Pappu | Singh | NULL | NULL | NULL | NULL | 33000.00 | NULL | NULL | NULL |

| 206 | William | Gietz | WGIETZ | 515.123.8181 | 1987-10-01 | AC\_ACCOUNT | 8300.00 | 0.00 | 205 | 110 |

| 205 | Shelley | Higgins | SHIGGINS | 515.123.8080 | 1987-09-30 | AC\_MGR | 12000.00 | 0.00 | 101 | 110 |

| 200 | Jennifer | Whalen | JWHALEN | 515.123.4444 | 1987-09-25 | AD\_ASST | 4400.00 | 0.00 | 101 | 10 |

| 100 | Steven | King | SKING | 515.123.4567 | 1987-06-17 | AD\_PRES | 24000.00 | 0.00 | 0 | 90 |

| 101 | Neena | Kochhar | NKOCHHAR | 515.123.4568 | 1987-06-18 | AD\_VP | 17000.00 | 0.00 | 100 | 90 |

| 109 | Daniel | Faviet | DFAVIET | 515.124.4169 | 1987-06-26 | FI\_ACCOUNT | 9000.00 | 0.00 | 108 | 100 |

| 108 | Nancy | Greenberg | NGREENBE | 515.124.4569 | 1987-06-25 | FI\_MGR | 12000.00 | 0.00 | 101 | 100 |

| 203 | Susan | Mavris | SMAVRIS | 515.123.7777 | 1987-09-28 | HR\_REP | 6500.00 | 0.00 | 101 | 40 |

| 103 | Alexander | Hunold | AHUNOLD | 590.423.4567 | 1987-06-20 | IT\_PROG | 9000.00 | 0.00 | 102 | 60 |

| 201 | Michael | Hartstein | MHARTSTE | 515.123.5555 | 1987-09-26 | MK\_MAN | 13000.00 | 0.00 | 100 | 20 |

| 202 | Pat | Fay | PFAY | 603.123.6666 | 1987-09-27 | MK\_REP | 6000.00 | 0.00 | 201 | 20 |

| 204 | Hermann | Baer | HBAER | 515.123.8888 | 1987-09-29 | PR\_REP | 10000.00 | 0.00 | 101 | 70 |

| 115 | Alexander | Khoo | AKHOO | 515.127.4562 | 1987-07-02 | PU\_CLERK | 3100.00 | 0.00 | 114 | 30 |

| 114 | Den | Raphaely | DRAPHEAL | 515.127.4561 | 1987-07-01 | PU\_MAN | 11000.00 | 0.00 | 100 | 30 |

| 145 | John | Russell | JRUSSEL | 011.44.1344.429268 | 1987-08-01 | SA\_MAN | 14000.00 | 0.40 | 100 | 80 |

| 150 | Peter | Tucker | PTUCKER | 011.44.1344.129268 | 1987-08-06 | SA\_REP | 10000.00 | 0.30 | 145 | 80 |

| 180 | Winston | Taylor | WTAYLOR | 650.507.9876 | 1987-09-05 | SH\_CLERK | 3200.00 | 0.00 | 120 | 50 |

| 125 | Julia | Nayer | JNAYER | 650.124.1214 | 1987-07-12 | ST\_CLERK | 3200.00 | 0.00 | 120 | 50 |

| 120 | Matthew | Weiss | MWEISS | 650.123.1234 | 1987-07-07 | ST\_MAN | 8000.00 | 0.00 | 100 | 50 |

+-------------+------------+-----------+----------+--------------------+------------+------------+----------+----------------+------------+---------------+

20 rows in set (0.00 sec)

mysql> SELECT \* FROM EMPLOYEES

-> GROUP BY JOB\_ID

-> HAVING SALARY > 10000;

+-------------+------------+-----------+----------+--------------------+------------+---------+----------+----------------+------------+---------------+

| EMPLOYEE\_ID | FIRST\_NAME | LAST\_NAME | EMAIL | PHONE\_NUMBER | HIRE\_DATE | JOB\_ID | SALARY | COMMISSION\_PCT | MANAGER\_ID | DEPARTMENT\_ID |

+-------------+------------+-----------+----------+--------------------+------------+---------+----------+----------------+------------+---------------+

| 400 | Pappu | Singh | NULL | NULL | NULL | NULL | 33000.00 | NULL | NULL | NULL |

| 205 | Shelley | Higgins | SHIGGINS | 515.123.8080 | 1987-09-30 | AC\_MGR | 12000.00 | 0.00 | 101 | 110 |

| 100 | Steven | King | SKING | 515.123.4567 | 1987-06-17 | AD\_PRES | 24000.00 | 0.00 | 0 | 90 |

| 101 | Neena | Kochhar | NKOCHHAR | 515.123.4568 | 1987-06-18 | AD\_VP | 17000.00 | 0.00 | 100 | 90 |

| 108 | Nancy | Greenberg | NGREENBE | 515.124.4569 | 1987-06-25 | FI\_MGR | 12000.00 | 0.00 | 101 | 100 |

| 201 | Michael | Hartstein | MHARTSTE | 515.123.5555 | 1987-09-26 | MK\_MAN | 13000.00 | 0.00 | 100 | 20 |

| 114 | Den | Raphaely | DRAPHEAL | 515.127.4561 | 1987-07-01 | PU\_MAN | 11000.00 | 0.00 | 100 | 30 |

| 145 | John | Russell | JRUSSEL | 011.44.1344.429268 | 1987-08-01 | SA\_MAN | 14000.00 | 0.40 | 100 | 80 |

+-------------+------------+-----------+----------+--------------------+------------+---------+----------+----------------+------------+---------------+

8 rows in set (0.00 sec)

mysql> SELECT \* FROM EMPLOYEES

-> GROUP BY SALARY;

+-------------+-------------+-------------+----------+--------------------+------------+------------+-----------+----------------+------------+---------------+

| EMPLOYEE\_ID | FIRST\_NAME | LAST\_NAME | EMAIL | PHONE\_NUMBER | HIRE\_DATE | JOB\_ID | SALARY | COMMISSION\_PCT | MANAGER\_ID | DEPARTMENT\_ID |

+-------------+-------------+-------------+----------+--------------------+------------+------------+-----------+----------------+------------+---------------+

| 132 | TJ | Olson | TJOLSON | 650.124.8234 | 1987-07-19 | ST\_CLERK | 2100.00 | 0.00 | 121 | 50 |

| 128 | Steven | Markle | SMARKLE | 650.124.1434 | 1987-07-15 | ST\_CLERK | 2200.00 | 0.00 | 120 | 50 |

| 127 | James | Landry | JLANDRY | 650.124.1334 | 1987-07-14 | ST\_CLERK | 2400.00 | 0.00 | 120 | 50 |

| 119 | Karen | Colmenares | KCOLMENA | 515.127.4566 | 1987-07-06 | PU\_CLERK | 2500.00 | 0.00 | 114 | 30 |

| 118 | Guy | Himuro | GHIMURO | 515.127.4565 | 1987-07-05 | PU\_CLERK | 2600.00 | 0.00 | 114 | 30 |

| 126 | Irene | Mikkilineni | IMIKKILI | 650.124.1224 | 1987-07-13 | ST\_CLERK | 2700.00 | 0.00 | 120 | 50 |

| 117 | Sigal | Tobias | STOBIAS | 515.127.4564 | 1987-07-04 | PU\_CLERK | 2800.00 | 0.00 | 114 | 30 |

| 116 | Shelli | Baida | SBAIDA | 515.127.4563 | 1987-07-03 | PU\_CLERK | 2900.00 | 0.00 | 114 | 30 |

| 187 | Anthony | Cabrio | ACABRIO | 650.509.4876 | 1987-09-12 | SH\_CLERK | 3000.00 | 0.00 | 121 | 50 |

| 115 | Alexander | Khoo | AKHOO | 515.127.4562 | 1987-07-02 | PU\_CLERK | 3100.00 | 0.00 | 114 | 30 |

| 125 | Julia | Nayer | JNAYER | 650.124.1214 | 1987-07-12 | ST\_CLERK | 3200.00 | 0.00 | 120 | 50 |

| 129 | Laura | Bissot | LBISSOT | 650.124.5234 | 1987-07-16 | ST\_CLERK | 3300.00 | 0.00 | 121 | 50 |

| 186 | Julia | Dellinger | JDELLING | 650.509.3876 | 1987-09-11 | SH\_CLERK | 3400.00 | 0.00 | 121 | 50 |

| 141 | Trenna | Rajs | TRAJS | 650.121.8009 | 1987-07-28 | ST\_CLERK | 3500.00 | 0.00 | 124 | 50 |

| 137 | Renske | Ladwig | RLADWIG | 650.121.1234 | 1987-07-24 | ST\_CLERK | 3600.00 | 0.00 | 123 | 50 |

| 188 | Kelly | Chung | KCHUNG | 650.505.1876 | 1987-09-13 | SH\_CLERK | 3800.00 | 0.00 | 122 | 50 |

| 193 | Britney | Everett | BEVERETT | 650.501.2876 | 1987-09-18 | SH\_CLERK | 3900.00 | 0.00 | 123 | 50 |

| 192 | Sarah | Bell | SBELL | 650.501.1876 | 1987-09-17 | SH\_CLERK | 4000.00 | 0.00 | 123 | 50 |

| 185 | Alexis | Bull | ABULL | 650.509.2876 | 1987-09-10 | SH\_CLERK | 4100.00 | 0.00 | 121 | 50 |

| 107 | Diana | Lorentz | DLORENTZ | 590.423.5567 | 1987-06-24 | IT\_PROG | 4200.00 | 0.00 | 103 | 60 |

| 200 | Jennifer | Whalen | JWHALEN | 515.123.4444 | 1987-09-25 | AD\_ASST | 4400.00 | 0.00 | 101 | 10 |

| 105 | David | Austin | DAUSTIN | 590.423.4569 | 1987-06-22 | IT\_PROG | 4800.00 | 0.00 | 103 | 60 |

| 124 | Kevin | Mourgos | KMOURGOS | 650.123.5234 | 1987-07-11 | ST\_MAN | 5800.00 | 0.00 | 100 | 50 |

| 104 | Bruce | Ernst | BERNST | 590.423.4568 | 1987-06-21 | IT\_PROG | 6000.00 | 0.00 | 103 | 60 |

| 173 | Sundita | Kumar | SKUMAR | 011.44.1343.329268 | 1987-08-29 | SA\_REP | 6100.00 | 0.10 | 148 | 80 |

| 167 | Amit | Banda | ABANDA | 011.44.1346.729268 | 1987-08-23 | SA\_REP | 6200.00 | 0.10 | 147 | 80 |

| 166 | Sundar | Ande | SANDE | 011.44.1346.629268 | 1987-08-22 | SA\_REP | 6400.00 | 0.10 | 147 | 80 |

| 123 | Shanta | Vollman | SVOLLMAN | 650.123.4234 | 1987-07-10 | ST\_MAN | 6500.00 | 0.00 | 100 | 50 |

| 165 | David | Lee | DLEE | 011.44.1346.529268 | 1987-08-21 | SA\_REP | 6800.00 | 0.10 | 147 | 80 |

| 113 | Luis | Popp | LPOPP | 515.124.4567 | 1987-06-30 | FI\_ACCOUNT | 6900.00 | 0.00 | 108 | 100 |

| 155 | Oliver | Tuvault | OTUVAULT | 011.44.1344.486508 | 1987-08-11 | SA\_REP | 7000.00 | 0.15 | 145 | 80 |

| 164 | Mattea | Marvins | MMARVINS | 011.44.1346.329268 | 1987-08-20 | SA\_REP | 7200.00 | 0.10 | 147 | 80 |

| 172 | Elizabeth | Bates | EBATES | 011.44.1343.529268 | 1987-08-28 | SA\_REP | 7300.00 | 0.15 | 148 | 80 |

| 171 | William | Smith | WSMITH | 011.44.1343.629268 | 1987-08-27 | SA\_REP | 7400.00 | 0.15 | 148 | 80 |

| 154 | Nanette | Cambrault | NCAMBRAU | 011.44.1344.987668 | 1987-08-10 | SA\_REP | 7500.00 | 0.20 | 145 | 80 |

| 111 | Ismael | Sciarra | ISCIARRA | 515.124.4369 | 1987-06-28 | FI\_ACCOUNT | 7700.00 | 0.00 | 108 | 100 |

| 112 | Jose Manuel | Urman | JMURMAN | 515.124.4469 | 1987-06-29 | FI\_ACCOUNT | 7800.00 | 0.00 | 108 | 100 |

| 122 | Payam | Kaufling | PKAUFLIN | 650.123.3234 | 1987-07-09 | ST\_MAN | 7900.00 | 0.00 | 100 | 50 |

| 120 | Matthew | Weiss | MWEISS | 650.123.1234 | 1987-07-07 | ST\_MAN | 8000.00 | 0.00 | 100 | 50 |

| 110 | John | Chen | JCHEN | 515.124.4269 | 1987-06-27 | FI\_ACCOUNT | 8200.00 | 0.00 | 108 | 100 |

| 206 | William | Gietz | WGIETZ | 515.123.8181 | 1987-10-01 | AC\_ACCOUNT | 8300.00 | 0.00 | 205 | 110 |

| 177 | Jack | Livingston | JLIVINGS | 011.44.1644.429264 | 1987-09-02 | SA\_REP | 8400.00 | 0.20 | 149 | 80 |

| 176 | Jonathon | Taylor | JTAYLOR | 011.44.1644.429265 | 1987-09-01 | SA\_REP | 8600.00 | 0.20 | 149 | 80 |

| 175 | Alyssa | Hutton | AHUTTON | 011.44.1644.429266 | 1987-08-31 | SA\_REP | 8800.00 | 0.25 | 149 | 80 |

| 103 | Alexander | Hunold | AHUNOLD | 590.423.4567 | 1987-06-20 | IT\_PROG | 9000.00 | 0.00 | 102 | 60 |

| 151 | David | Bernstein | DBERNSTE | 011.44.1344.345268 | 1987-08-07 | SA\_REP | 9500.00 | 0.25 | 145 | 80 |

| 170 | Tayler | Fox | TFOX | 011.44.1343.729268 | 1987-08-26 | SA\_REP | 9600.00 | 0.20 | 148 | 80 |

| 150 | Peter | Tucker | PTUCKER | 011.44.1344.129268 | 1987-08-06 | SA\_REP | 10000.00 | 0.30 | 145 | 80 |

| 149 | Eleni | Zlotkey | EZLOTKEY | 011.44.1344.429018 | 1987-08-05 | SA\_MAN | 10500.00 | 0.20 | 100 | 80 |

| 114 | Den | Raphaely | DRAPHEAL | 515.127.4561 | 1987-07-01 | PU\_MAN | 11000.00 | 0.00 | 100 | 30 |

| 168 | Lisa | Ozer | LOZER | 011.44.1343.929268 | 1987-08-24 | SA\_REP | 11500.00 | 0.25 | 148 | 80 |

| 108 | Nancy | Greenberg | NGREENBE | 515.124.4569 | 1987-06-25 | FI\_MGR | 12000.00 | 0.00 | 101 | 100 |

| 201 | Michael | Hartstein | MHARTSTE | 515.123.5555 | 1987-09-26 | MK\_MAN | 13000.00 | 0.00 | 100 | 20 |

| 146 | Karen | Partners | KPARTNER | 011.44.1344.467268 | 1987-08-02 | SA\_MAN | 13500.00 | 0.30 | 100 | 80 |

| 145 | John | Russell | JRUSSEL | 011.44.1344.429268 | 1987-08-01 | SA\_MAN | 14000.00 | 0.40 | 100 | 80 |

| 101 | Neena | Kochhar | NKOCHHAR | 515.123.4568 | 1987-06-18 | AD\_VP | 17000.00 | 0.00 | 100 | 90 |

| 100 | Steven | King | SKING | 515.123.4567 | 1987-06-17 | AD\_PRES | 24000.00 | 0.00 | 0 | 90 |

| 400 | Pappu | Singh | NULL | NULL | NULL | NULL | 33000.00 | NULL | NULL | NULL |

| 102 | Lex | De Haan | LDEHAAN | 515.123.4569 | 1987-06-19 | AD\_VP | 150000.00 | 0.00 | 100 | 90 |

+-------------+-------------+-------------+----------+--------------------+------------+------------+-----------+----------------+------------+---------------+

59 rows in set (0.00 sec)

mysql> SELECT \* FROM EMPLOYEES

-> GROUP BY SALARY

-> HAVING SALARY > 10000;

+-------------+------------+-----------+----------+--------------------+------------+---------+-----------+----------------+------------+---------------+

| EMPLOYEE\_ID | FIRST\_NAME | LAST\_NAME | EMAIL | PHONE\_NUMBER | HIRE\_DATE | JOB\_ID | SALARY | COMMISSION\_PCT | MANAGER\_ID | DEPARTMENT\_ID |

+-------------+------------+-----------+----------+--------------------+------------+---------+-----------+----------------+------------+---------------+

| 149 | Eleni | Zlotkey | EZLOTKEY | 011.44.1344.429018 | 1987-08-05 | SA\_MAN | 10500.00 | 0.20 | 100 | 80 |

| 114 | Den | Raphaely | DRAPHEAL | 515.127.4561 | 1987-07-01 | PU\_MAN | 11000.00 | 0.00 | 100 | 30 |

| 168 | Lisa | Ozer | LOZER | 011.44.1343.929268 | 1987-08-24 | SA\_REP | 11500.00 | 0.25 | 148 | 80 |

| 108 | Nancy | Greenberg | NGREENBE | 515.124.4569 | 1987-06-25 | FI\_MGR | 12000.00 | 0.00 | 101 | 100 |

| 201 | Michael | Hartstein | MHARTSTE | 515.123.5555 | 1987-09-26 | MK\_MAN | 13000.00 | 0.00 | 100 | 20 |

| 146 | Karen | Partners | KPARTNER | 011.44.1344.467268 | 1987-08-02 | SA\_MAN | 13500.00 | 0.30 | 100 | 80 |

| 145 | John | Russell | JRUSSEL | 011.44.1344.429268 | 1987-08-01 | SA\_MAN | 14000.00 | 0.40 | 100 | 80 |

| 101 | Neena | Kochhar | NKOCHHAR | 515.123.4568 | 1987-06-18 | AD\_VP | 17000.00 | 0.00 | 100 | 90 |

| 100 | Steven | King | SKING | 515.123.4567 | 1987-06-17 | AD\_PRES | 24000.00 | 0.00 | 0 | 90 |

| 400 | Pappu | Singh | NULL | NULL | NULL | NULL | 33000.00 | NULL | NULL | NULL |

| 102 | Lex | De Haan | LDEHAAN | 515.123.4569 | 1987-06-19 | AD\_VP | 150000.00 | 0.00 | 100 | 90 |

+-------------+------------+-----------+----------+--------------------+------------+---------+-----------+----------------+------------+---------------+

11 rows in set (0.00 sec)

mysql> SELECT AVG(SALARY) FROM EMPLOYEES;

+-------------+

| AVG(SALARY) |

+-------------+

| 7938.888889 |

+-------------+

1 row in set (0.00 sec)

mysql> SELECT AVG(SALARY) FROM EMPLOYEES

-> GROUP BY JOB\_ID;

+--------------+

| AVG(SALARY) |

+--------------+

| 33000.000000 |

| 8300.000000 |

| 12000.000000 |

| 4400.000000 |

| 24000.000000 |

| 83500.000000 |

| 7920.000000 |

| 12000.000000 |

| 6500.000000 |

| 5760.000000 |

| 13000.000000 |

| 6000.000000 |

| 10000.000000 |

| 2780.000000 |

| 11000.000000 |

| 12200.000000 |

| 8350.000000 |

| 3215.000000 |

| 2785.000000 |

| 7280.000000 |

+--------------+

20 rows in set (0.00 sec)

mysql> SELECT SQRT(64) FROM DUAL;

+----------+

| SQRT(64) |

+----------+

| 8 |

+----------+

1 row in set (0.00 sec)

mysql> SELECT POWER(2,4) FROM DUAL;

+------------+

| POWER(2,4) |

+------------+

| 16 |

+------------+

1 row in set (0.00 sec)

mysql> SELECT CEIL(1.2404) FROM DUAL;

+--------------+

| CEIL(1.2404) |

+--------------+

| 2 |

+--------------+

1 row in set (0.00 sec)

mysql> SELECT FLOOR(1.2404) FROM DUAL;

+---------------+

| FLOOR(1.2404) |

+---------------+

| 1 |

+---------------+

1 row in set (0.00 sec)

mysql> SELECT \* FROM EMPLOYEE

-> WHERE FIRST\_NAME LIKE '\_\_\_T';

ERROR 1054 (42S22): Unknown column 'FIRST\_NAME' in 'where clause'

mysql> SELECT \* FROM EMPLOYEES

-> WHERE FIRST\_NAME LIKE '\_\_\_T';

+-------------+------------+-----------+--------+--------------------+------------+--------+---------+----------------+------------+---------------+

| EMPLOYEE\_ID | FIRST\_NAME | LAST\_NAME | EMAIL | PHONE\_NUMBER | HIRE\_DATE | JOB\_ID | SALARY | COMMISSION\_PCT | MANAGER\_ID | DEPARTMENT\_ID |

+-------------+------------+-----------+--------+--------------------+------------+--------+---------+----------------+------------+---------------+

| 167 | Amit | Banda | ABANDA | 011.44.1346.729268 | 1987-08-23 | SA\_REP | 6200.00 | 0.10 | 147 | 80 |

+-------------+------------+-----------+--------+--------------------+------------+--------+---------+----------------+------------+---------------+

1 row in set (0.00 sec)

mysql> SELECT \* FROM EMPLOYEE

-> SELECT \* FROM EMPLOYEE;

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'SELECT \* FROM EMPLOYEE' at line 2

mysql> SELECT \* FROM EMPLOYEES

-> WHERE HIRE\_DATE LIKE '\_\_\_\_\_6';

Empty set, 1 warning (0.00 sec)

mysql> SELECT \* FROM EMPLOYEES

-> WHERE HIRE\_DATE LIKE '\_\_\_\_\_6\_\_\_\_';

Empty set, 1 warning (0.00 sec)

mysql> SELECT \* FROM EMPLOYEES

-> WHERE HIRE\_DATE LIKE '\_\_\_\_06\_\_';

Empty set, 1 warning (0.00 sec)

mysql> SELECT \* FROM EMPLOYEES

-> WHERE HIRE\_DATE LIKE '\_\_87';

Empty set, 1 warning (0.00 sec)