

## MySQL database instance, Cloud9, created an environment,

The image displays two screenshots from the AWS console. The top screenshot shows the Amazon RDS console for a MySQL database instance named 'database-1'. The bottom screenshot shows the AWS Cloud9 IDE environment, which is connected to the database instance.

**Amazon RDS Console - database-1**

**Summary**

DB identifier	CPU	Status	Class
database-1	12.53%	Available	db.t2.micro

**Connectivity & security**

Endpoint and port	Networking	Security
Endpoint: database-1.cfyim9tkku.us-east-2.rds.amazonaws.com Port: 3306	Availability zone: us-east-2a VPC: vpc-2410964f Subnet group: default-vpc-2410964f Subnets: subnet-19907664, subnet-47634a2c, subnet-929602ce	VPC security groups: default (sg-4e50563d) (active) Public accessibility: No Certificate authority: rds-ca-2019 Certificate authority date: Aug 22nd, 2024

**Security group rules (2)**

Security group	Type	Rule
default (sg-4e50563d)	CIDR/IP - Inbound	0.0.0.0/0
default (sg-4e50563d)	CIDR/IP - Outbound	0.0.0.0/0

**AWS Cloud9 IDE**

The IDE shows a terminal window with the following commands and output:

```
bash - "ip-172-31-40-244" x Immediate x
ubuntu:~/environment $ pwd
/home/ubuntu/environment
ubuntu:~/environment $
```

us-east-2.console.aws.amazon.com/cloud9/ide/d79e4ddec0d6431b9cd04dd3de0d5429

File Edit Find View Go Run Tools Window Support Preview Run Share

Go to Anything (Ctrl-P)

environment - /ho  
README.md

aws

```
mysql - "ip-172-31-40-244" x immediate x +
ubuntu:~/environment $ pwd
/home/ubuntu/environment
ubuntu:~/environment $ mysql -h database-1.czfye96tklv.us-east-2.rds.amazonaws.com -P 3306 -u admin -p
Enter password:
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 17
Server version: 8.0.28 Source distribution

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owners.

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

mysql> show databases;
+-----+
| Database |
+-----+
| information_schema |
| mysql |
| performance_schema |
+-----+
3 rows in set (0.00 sec)

mysql>
```

AWS profile default

File Edit Find View Go Run Tools Window Support Preview Run Share

Go to Anything (Ctrl-P)

environment - /ho  
README.md

aws

```
mysql - "ip-172-31-40-244" x immediate x +
mysql> CREATE DATABASE hrd;
Query OK, 1 row affected (0.01 sec)

mysql> show databases
->
mysql> show databases;
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 'show databases' at line 3
mysql> show databases;
+-----+
| Database |
+-----+
| hrd |
| information_schema |
| mysql |
| performance_schema |
+-----+
4 rows in set (0.00 sec)

mysql>
```

AWS profile default

File Edit Find View Go Run Tools Window Support Preview Run

Go to Anything (Ctrl-P)

environment - Rho

hrdb.sql

README.md

mysql - "ip-172-31-40-244.x" Immediate

```
mysql> show tables;
+-----+
| Tables_in_hrdb |
+-----+
| employees      |
+-----+
1 row in set (0.00 sec)
```

```
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	17000.00	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	590.423.4568	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	DFAVLET	515.124.4169	1987-06-26	FI_ACCOUNT	9800.00	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	GHIIMURO	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	650.123.2234	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

AWS: profile:default

```
mysql> SELECT DISTINCT department_id
-> FROM employees;
```

```
+-----+
| department_id |
+-----+
| 0 |
| 10 |
| 20 |
| 30 |
| 40 |
| 50 |
| 60 |
| 70 |
| 80 |
| 90 |
| 100 |
| 110 |
+-----+
```

```
12 rows in set (0.00 sec)
```

```
mysql> 
```

```
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	WGIEZT	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	Taylor	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
100	Steven	King	SKING	515.123.4567	1987-06-17	AD PRES	24000.00	0.00	0	90
128	Steven	Markle	SMARKLE	650.124.1434	1987-07-15	ST_CLERK	2200.00	0.00	120	50
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	Sarah	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	McCaig	SMCCAIG	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
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
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
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

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	Lex	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	17000.00	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
124	Kevin	Mourgos	KMOURGOS	650.123.5234	1987-07-11	ST_MAN	5800.00	0.00	100	50
197	Kevin	Feeney	KFEENEY	650.507.9822	1987-09-22	SH_CLERK	3000.00	0.00	124	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
125	Julia	Nayer	JNAYER	650.124.1214	1987-07-12	ST_CLERK	3200.00	0.00	120	50
186	Julia	Dellinger	JDELLING	650.509.3876	1987-09-11	SH_CLERK	3400.00	0.00	121	50
140	Joshua	Patel	JPADEL	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
110	John	Chen	JCHEN	515.124.4269	1987-06-27	FI_ACCOUNT	8200.00	0.00	108	100
139	John	Seo	JSEO	650.121.2019	1987-07-26	ST_CLERK	2700.00	0.00	123	50
145	John	Russell	JRUSSEL	011.44.1344.429268	1987-08-01	SA_MAN	14000.00	0.40	100	80
189	Jennifer	Dilly	JDILLY	650.505.2876	1987-09-14	SH_CLERK	3600.00	0.00	122	50
200	Jennifer	Whalen	JWHALEN	515.123.4444	1987-09-25	AD_ASST	4400.00	0.00	101	10
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	JMARLOW	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	Sciarrna	ISCIARRA	515.124.4369	1987-06-28	FI_ACCOUNT	7700.00	0.00	108	100
126	Irene	Mikkilineni	IMIKKILIN	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



```
mysql> SELECT first_name, last_name, salary*.15 PF  
-> FROM employees;
```

first_name	last_name	PF
Steven	King	3600.0000
Neena	Kochhar	2550.0000
Lex	De Haan	2550.0000
Alexander	Hunold	1350.0000
Bruce	Ernst	900.0000
David	Austin	720.0000
Valli	Pataballa	720.0000
Diana	Lorentz	630.0000
Nancy	Greenberg	1800.0000
Daniel	Faviet	1350.0000
John	Chen	1230.0000
Ismael	Sciarra	1155.0000
Jose Manuel	Urman	1170.0000
Luis	Popp	1035.0000
Den	Raphaely	1650.0000
Alexander	Khoo	465.0000
Shelli	Baida	435.0000
Sigal	Tobias	420.0000
Guy	Himuro	390.0000
Karen	Colmenares	375.0000
Matthew	Weiss	1200.0000
Adam	Fripp	1230.0000
Payam	Kaufling	1185.0000
Shanta	Vollman	975.0000
Kevin	Mourgos	870.0000
Julia	Nayer	480.0000
Irene	Mikkilineni	405.0000
James	Landry	360.0000
Steven	Markle	330.0000
Laura	Bissot	495.0000
Mozhe	Atkinson	420.0000
James	Marlow	375.0000
TJ	Olson	315.0000
Jason	Mallin	495.0000
Michael	Rogers	435.0000
Ki	Gee	360.0000
Hazel	Philtanker	330.0000
Renske	Ladwig	540.0000

Renske	Ladwig	540.0000
Stephen	Stiles	480.0000
John	Seo	405.0000
Joshua	Patel	375.0000
Trenna	Rajs	525.0000
Curtis	Davies	465.0000
Randall	Matos	390.0000
Peter	Vargas	375.0000
John	Russell	2100.0000
Karen	Partners	2025.0000
Alberto	Errazuriz	1800.0000
Gerald	Cambrault	1650.0000
Eleni	Zlotkey	1575.0000
Peter	Tucker	1500.0000
David	Bernstein	1425.0000
Peter	Hall	1350.0000
Christopher	Olsen	1200.0000
Nanette	Cambrault	1125.0000
Oliver	Tuvault	1050.0000
Janette	King	1500.0000
Patrick	Sully	1425.0000
Allan	McEwen	1350.0000
Lindsey	Smith	1200.0000
Louise	Doran	1125.0000
Sarath	Sewall	1050.0000
Clara	Vishney	1575.0000
Danielle	Greene	1425.0000
Mattea	Marvins	1080.0000
David	Lee	1020.0000
Sundar	Ande	960.0000
Amit	Banda	930.0000
Lisa	Ozer	1725.0000
Harrison	Bloom	1500.0000
Tayler	Fox	1440.0000
William	Smith	1110.0000
Elizabeth	Bates	1095.0000
Sundita	Kumar	915.0000
Ellen	Abel	1650.0000
Alyssa	Hutton	1320.0000
Jonathon	Taylor	1290.0000
Jack	Livingston	1260.0000
Kimberely	Grant	1050.0000
Charles	Johnson	930.0000
Winston	Taylor	480.0000

Jean	Fleaur	465.0000
Martha	Sullivan	375.0000
Girard	Geoni	420.0000
Nandita	Sarchand	630.0000
Alexis	Bull	615.0000
Julia	Dellinger	510.0000
Anthony	Cabrio	450.0000
Kelly	Chung	570.0000
Jennifer	Dilly	540.0000
Timothy	Gates	435.0000
Randall	Perkins	375.0000
Sarah	Bell	600.0000
Britney	Everett	585.0000
Samuel	McCain	480.0000
Vance	Jones	420.0000
Alana	Walsh	465.0000
Kevin	Feeney	450.0000
Donald	OConnell	390.0000
Douglas	Grant	390.0000
Jennifer	Whalen	660.0000
Michael	Hartstein	1950.0000
Pat	Fay	900.0000
Susan	Mavris	975.0000
Hermann	Baer	1500.0000
Shelley	Higgins	1800.0000
William	Gietz	1245.0000

-----+  
107 rows in set (0.00 sec)

```
mysql> SELECT SUM(salary)
-> FROM employees;
```

SUM(salary)
691400.00

-----+  
1 row in set (0.00 sec)

```

mysql> SELECT COUNT(*)
-> FROM employees;
+-----+
| COUNT(*) |
+-----+
|      107 |
+-----+
1 row in set (0.00 sec)

mysql> SELECT first_name, last_name, department_id
-> FROM employees
-> WHERE dapartment_id IN (30, 100)
-> ORDER BY department-id ASC;
ERROR 1054 (42S22): Unknown column 'dapartment_id' in 'where clause'
mysql> SELECT first_name, last_name, dapartment_id
-> FROM employees
-> WHERE department_id IN (30, 100)
-> ORDER BY department_id ASC;
ERROR 1054 (42S22): Unknown column 'dapartment_id' in 'field list'
mysql> SELECT first_name, last_name, department_id
-> FROM employees
-> WHERE department_id IN (30, 100)
-> ORDER BY department_id ASC;
+-----+-----+-----+
| first_name | last_name | department_id |
+-----+-----+-----+
| Den        | Raphaely  | 30            |
| Alexander  | Khoo      | 30            |
| Shelli     | Baida     | 30            |
| Sigal      | Tobias    | 30            |
| Guy        | Himuro    | 30            |
| Karen      | Colmenares | 30            |
| Nancy      | Greenberg | 100           |
| Daniel     | Faviat    | 100           |
| John       | Chen      | 100           |
| Ismael     | Sciarra   | 100           |
| Jose Manuel | Urman     | 100           |
| Luis       | Popp      | 100           |
+-----+-----+-----+
12 rows in set (0.00 sec)

mysql> SELECT first_name, last_name, hire_date
-> FROM employees
-> WHERE YEAR(hire_date) LIKE '1987%';

```



```
mysql> SELECT first_name, last_name, hire_date
-> FROM employees
-> WHERE YEAR(hire_date) LIKE '1987%';
```

first_name	last_name	hire_date
Steven	King	1987-06-17
Neena	Kochhar	1987-06-18
Lex	De Haan	1987-06-19
Alexander	Hunold	1987-06-20
Bruce	Ernst	1987-06-21
David	Austin	1987-06-22
Valli	Pataballa	1987-06-23
Diana	Lorentz	1987-06-24
Nancy	Greenberg	1987-06-25
Daniel	Faviet	1987-06-26
John	Chen	1987-06-27
Ismael	Sciarra	1987-06-28
Jose Manuel	Urman	1987-06-29
Luis	Popp	1987-06-30
Den	Raphaely	1987-07-01
Alexander	Khoo	1987-07-02
Shelli	Baida	1987-07-03
Sigal	Tobias	1987-07-04
Guy	Himuro	1987-07-05
Karen	Colmenares	1987-07-06
Matthew	Weiss	1987-07-07
Adam	Fripp	1987-07-08
Payam	Kaufling	1987-07-09
Shanta	Vollman	1987-07-10
Kevin	Mourgos	1987-07-11
Julia	Nayer	1987-07-12
Irene	Mikkilineni	1987-07-13
James	Landry	1987-07-14
Steven	Markle	1987-07-15
Laura	Bissot	1987-07-16
Mozhe	Atkinson	1987-07-17
James	Marlow	1987-07-18
TJ	Olson	1987-07-19
Jason	Mallin	1987-07-20
Michael	Rogers	1987-07-21
Ki	Gee	1987-07-22
Hazel	Philtanker	1987-07-23
Renske	Ladwig	1987-07-24

Stephen	Stiles	1987-07-25
John	Seo	1987-07-26
Joshua	Patel	1987-07-27
Trenna	Rajs	1987-07-28
Curtis	Davies	1987-07-29
Randall	Matos	1987-07-30
Peter	Vargas	1987-07-31
John	Russell	1987-08-01
Karen	Partners	1987-08-02
Alberto	Errazuriz	1987-08-03
Gerald	Cambrault	1987-08-04
Eleni	Zlotkey	1987-08-05
Peter	Tucker	1987-08-06
David	Bernstein	1987-08-07
Peter	Hall	1987-08-08
Christopher	Olsen	1987-08-09
Nanette	Cambrault	1987-08-10
Oliver	Tuvault	1987-08-11
Janette	King	1987-08-12
Patrick	Sully	1987-08-13
Allan	McEwen	1987-08-14
Lindsey	Smith	1987-08-15
Louise	Doran	1987-08-16
Sarath	Sewall	1987-08-17
Clara	Vishney	1987-08-18
Danielle	Greene	1987-08-19
Mattea	Marvins	1987-08-20
David	Lee	1987-08-21
Sundar	Ande	1987-08-22
Amit	Banda	1987-08-23
Lisa	Ozer	1987-08-24
Harrison	Bloom	1987-08-25
Tayler	Fox	1987-08-26
William	Smith	1987-08-27
Elizabeth	Bates	1987-08-28
Sundita	Kumar	1987-08-29
Ellen	Abel	1987-08-30
Alyssa	Hutton	1987-08-31
Jonathon	Taylor	1987-09-01
Jack	Livingston	1987-09-02
Kimberely	Grant	1987-09-03
Charles	Johnson	1987-09-04
Winston	Taylor	1987-09-05
Jean	Fleur	1987-09-06

Jean	Fleaur	1987-09-06
Martha	Sullivan	1987-09-07
Girard	Geoni	1987-09-08
Nandita	Sarchand	1987-09-09
Alexis	Bull	1987-09-10
Julia	Dellinger	1987-09-11
Anthony	Cabrio	1987-09-12
Kelly	Chung	1987-09-13
Jennifer	Dilly	1987-09-14
Timothy	Gates	1987-09-15
Randall	Perkins	1987-09-16
Sarah	Bell	1987-09-17
Britney	Everett	1987-09-18
Samuel	McCain	1987-09-19
Vance	Jones	1987-09-20
Alana	Walsh	1987-09-21
Kevin	Feeney	1987-09-22
Donald	OConnell	1987-09-23
Douglas	Grant	1987-09-24
Jennifer	Whalen	1987-09-25
Michael	Hartstein	1987-09-26
Pat	Fay	1987-09-27
Susan	Mavris	1987-09-28
Hermann	Baer	1987-09-29
Shelley	Higgins	1987-09-30
William	Gietz	1987-10-01

+-----+  
107 rows in set (0.01 sec)

mysql> SELECT last\_name FROM employees WHERE last\_name LIKE '\_\_e%';

last_name
Abel
Baer
Chen
Everett
Feeney
Fleaur
Gee
Gietz
Greenberg
Greene
Lee

```
mysql> SELECT last_name FROM employees WHERE last_name LIKE '__e%';
```

```
+-----+  
| last_name |  
+-----+  
| Abel      |  
| Baer      |  
| Chen      |  
| Everett   |  
| Feeney    |  
| Fleaur    |  
| Gee       |  
| Gietz     |  
| Greenberg |  
| Greene    |  
| Lee       |  
| McEwen    |  
| Ozer      |  
+-----+
```

```
13 rows in set (0.00 sec)
```

```
mysql> SELECT MAX(salary)  
-> FROM employees  
-> WHERE job_id = 'IT_PROG';
```

```
+-----+  
| MAX(salary) |  
+-----+  
| 9000.00 |  
+-----+
```

```
1 row in set (0.00 sec)
```

```
mysql> SELECT AVG(salary),count(*)  
-> FROM employees  
-> WHERE department_id = 90;
```

```
+-----+-----+  
| AVG(salary) | count(*) |  
+-----+-----+  
| 19333.333333 | 3 |  
+-----+-----+
```

```
1 row in set (0.00 sec)
```