

1. Show all employees who were born before 1965-01-01

```
SELECT * FROM employees WHERE birth_date < '1965-01-01';
```

2. Show all employees who are female and were hired after 1990

```
SELECT * FROM employees WHERE hire_date >= '1990-01-01';
```

3. Show the first and last name of the first 50 employees whose last name starts with F

```
SELECT first_name, last_name FROM employees WHERE last_name LIKE 'F%' LIMIT 50;
```

4. Insert 3 new employees into the employees table. There emp_no should be 100, 101, and 102. You can choose the rest of the data.

```
INSERT INTO employees VALUES (100, '2002-12-23', 'Stevie', 'Wonder', 'M', '2011-01-01'),  
-> (101, '1978-03-02', 'John', 'Bakersfield', 'M', '2013-03-04'),  
-> (102, '1956-04-12', 'Pat', 'Jones', 'F', '2012-04-05');
```

5. Change the employee's first name to Bob for the employee with the emp_no of 10023.

```
UPDATE employees SET first_name = 'Bob' WHERE emp_no = 10023;
```

6. Change all employees hire dates to 2002-01-01 whose first or last names start with P.

```
UPDATE employees SET hire_date='2002-01-01' WHERE first_name LIKE 'P%' OR last_name LIKE 'P%';
```

7. Delete all employees who have an emp_no less than 10000

```
DELETE FROM employees WHERE emp_no < 10000;
```

8. Delete all employee who have an emp_no of 10048, 10099, 10234, and 20089.

```
DELETE FROM employees WHERE emp_no IN (10048, 10099, 10234, 20089);
```

Screenshots of Queries:

```
| 10023 | 1953-09-29 | Bojan | Montemayor | F | 1989-12-17 |  
+-----+-----+-----+-----+-----+-----+  
15 rows in set (0.00 sec)  
  
[mysql> SELECT * FROM employees WHERE birth_date < '1965-01-01';  
+-----+-----+-----+-----+-----+-----+  
| emp_no | birth_date | first_name | last_name | gender | hire_date |  
+-----+-----+-----+-----+-----+-----+  
| 10008 | 1958-02-19 | Saniya | Kalloufi | M | 1994-09-15 |  
| 10009 | 1952-04-19 | Sumant | Peac | F | 1985-02-18 |  
| 10010 | 1963-06-01 | Duangkaew | Piveteau | F | 1989-08-24 |  
| 10011 | 1953-11-07 | Mary | Sluis | F | 1990-01-22 |
```

```
mysql> SELECT * FROM employees WHERE hire_date >= '1990-01-01';
```

emp_no	birth_date	first_name	last_name	gender	hire_date
10008	1958-02-19	Saniya	Kalloufi	M	1994-09-15
10011	1953-11-07	Mary	Sluis	F	1990-01-22
10012	1960-10-04	Patricio	Bridgland	M	1992-12-18
10016	1961-05-02	Kazuhito	Cappelletti	M	1995-01-27
10017	1958-07-06	Cristinel	Bouloucos	F	1993-08-03
10019	1953-01-23	Lillian	Haddadi	M	1999-04-30
10020	1952-12-24	Mayuko	Warwick	M	1991-01-26

```
mysql> SELECT first_name, last_name FROM employees WHERE last_name LIKE 'f%' LIMIT 50;
```

first_name	last_name
Shahaf	Famili
Somnath	Foote
Sudharsan	Flasterstein
Armond	Fairtlough
Ewing	Foong
Sumali	Fargier

```
mysql> INSERT INTO employees VALUES (100, '2002-12-23', 'Stevie', 'Wonder', 'M', '2011-01-01'),
-> (101, '1978-03-02', 'John', 'Bakersfield', 'M', '2013-03-04'),
-> (102, '1956-04-12', 'Pat', 'Jones', 'F', '2012-04-05');
Query OK, 3 rows affected (0.01 sec)
Records: 3 Duplicates: 0 Warnings: 0

mysql> select * from employees limit 15;
```

emp_no	birth_date	first_name	last_name	gender	hire_date
100	2002-12-23	Stevie	Wonder	M	2011-01-01
101	1978-03-02	John	Bakersfield	M	2013-03-04
102	1956-04-12	Pat	Jones	F	2012-04-05
10008	1958-02-19	Saniya	Kalloufi	M	1994-09-15

```
mysql> UPDATE employees SET first_name = 'Bob' WHERE emp_no = 10023;
Query OK, 1 row affected (0.03 sec)
Rows matched: 1 Changed: 1 Warnings: 0

mysql> SELECT * FROM employees WHERE emp_no = 10023;
```

emp_no	birth_date	first_name	last_name	gender	hire_date
10023	1953-09-29	Bob	Montemayor	F	1989-12-17

1 row in set (0.00 sec)

```
mysql>
```

```
[mysql> UPDATE employees SET hire_date='2002-01-01' WHERE first_name LIKE 'p%' OR last_name LIKE 'p%';
Query OK, 31565 rows affected (0.70 sec)
Rows matched: 31565  Changed: 31565  Warnings: 0
```

```
[mysql> SELECT * FROM employees WHERE first_name LIKE 'p%' OR last_name LIKE 'p%' LIMIT 20;
```

emp_no	birth_date	first_name	last_name	gender	hire_date
102	1956-04-12	Pat	Jones	F	2002-01-01
10009	1952-04-19	Sumant	Peac	F	2002-01-01
10010	1963-06-01	Duangkaew	Piveteau	F	2002-01-01
10012	1960-10-04	Patricio	Bridgland	M	2002-01-01
10018	1954-06-19	Kazuhide	Peha	F	2002-01-01
10024	1958-09-05	Suzette	Pettey	F	2002-01-01
10025	1958-10-31	Prasadram	Heyers	M	2002-01-01
10036	1959-08-10	Adamantios	Portugali	M	2002-01-01
10037	1963-07-22	Pradeep	Makrucki	M	2002-01-01
10062	1961-11-02	Anoosh	Peyn	M	2002-01-01
10080	1957-12-03	Premal	Baek	M	2002-01-01
10082	1963-09-09	Parviz	Lortz	M	2002-01-01
10101	1952-04-15	Perla	Heyers	F	2002-01-01
10102	1959-11-04	Paraskevi	Luby	F	2002-01-01
10105	1962-02-05	Hironoby	Piveteau	M	2002-01-01
10109	1958-11-25	Mariusz	Prampolini	F	2002-01-01
10119	1960-12-01	Domenick	Peltason	M	2002-01-01
10129	1955-12-02	Armond	Peir	M	2002-01-01
10136	1961-09-14	Zissis	Pintelas	M	2002-01-01
10138	1955-04-24	Perry	Shimshoni	M	2002-01-01

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

```

+-----+-----+-----+-----+-----+-----+
| 10099 | 1956-05-25 | Valter | Sullins | F | 1988-10-18 |
| 10234 | 1961-01-18 | Arunachalam | Bakhtari | M | 1990-11-19 |
| 20089 | 1953-11-29 | Unal | Merli | M | 1991-12-14 |
+-----+-----+-----+-----+-----+-----+
4 rows in set (0.00 sec)

mysql> DELETE FROM employees WHERE emp_no IN (10048, 10099, 10234, 20089);
Query OK, 4 rows affected (0.01 sec)

mysql>

```

```

mysql> DELETE FROM employees WHERE emp_no < 10000;
Query OK, 3 rows affected (0.00 sec)

mysql> SELECT * FROM employees WHERE emp_no < 10025;
+-----+-----+-----+-----+-----+-----+
| emp_no | birth_date | first_name | last_name | gender | hire_date |
+-----+-----+-----+-----+-----+-----+
| 10008 | 1958-02-19 | Saniya | Kalloufi | M | 1994-09-15 |
| 10009 | 1952-04-19 | Sumant | Peac | F | 2002-01-01 |
| 10010 | 1963-06-01 | Duangkaew | Piveteau | F | 2002-01-01 |
| 10011 | 1953-11-07 | Mary | Sluis | F | 1990-01-22 |
| 10012 | 1960-10-04 | Patricio | Bridgland | M | 2002-01-01 |
| 10013 | 1963-06-07 | Eberhardt | Terkki | M | 1985-10-20 |
| 10015 | 1959-08-19 | Guoxiang | Nooteboom | M | 1987-07-02 |
| 10016 | 1961-05-02 | Kazuhito | Cappelletti | M | 1995-01-27 |
| 10017 | 1958-07-06 | Cristinel | Bouloucos | F | 1993-08-03 |
| 10018 | 1954-06-19 | Kazuhide | Peha | F | 2002-01-01 |
| 10019 | 1953-01-23 | Lillian | Haddadi | M | 1999-04-30 |
| 10020 | 1952-12-24 | Mayuko | Warwick | M | 1991-01-26 |
| 10021 | 1960-02-20 | Ramzi | Erde | M | 1988-02-10 |
| 10022 | 1952-07-08 | Shahaf | Famili | M | 1995-08-22 |
| 10023 | 1953-09-29 | Bob | Montemayor | F | 1989-12-17 |
| 10024 | 1958-09-05 | Suzette | Pettey | F | 2002-01-01 |
+-----+-----+-----+-----+-----+-----+
16 rows in set (0.00 sec)

```

Screenshots of Query Results (only include the last 20 rows):

499979	1962-10-29	Prasadram	Waleschkowski	M	1994-01-04
499980	1959-06-28	Gino	Usery	M	1991-02-11
499981	1955-01-02	Yunming	Mitina	F	1991-03-07
499982	1954-08-25	Mohammed	Pleszkun	M	1986-02-21
499983	1955-08-29	Uri	Juneja	F	1989-08-28
499984	1959-08-31	Kaijung	Rodham	M	1985-09-11
499985	1964-12-26	Gila	Lukaszewicz	M	1997-02-11
499986	1952-07-22	Nathan	Ranta	F	1985-08-11
499987	1961-09-05	Rimli	Dusink	F	1998-09-20
499988	1962-09-28	Bangqing	Kleiser	F	1986-06-06
499989	1954-05-26	Keiichiro	Lindqvist	M	1993-10-28
499990	1963-11-03	Khaled	Kohling	M	1985-10-10
499991	1962-02-26	Pohua	Sichman	F	1989-01-12
499992	1960-10-12	Siamak	Salverda	F	1987-05-10
499993	1963-06-04	DeForest	Mullainathan	M	1997-04-07
499994	1952-02-26	Navin	Argence	F	1990-04-24
499995	1958-09-24	Dekang	Lichtner	F	1993-01-12
499996	1953-03-07	Zito	Baaz	M	1990-09-27
499997	1961-08-03	Berhard	Lenart	M	1986-04-21
499998	1956-09-05	Patricia	Breugel	M	1993-10-13
499999	1958-05-01	Sachin	Tsukuda	M	1997-11-30

298076 rows in set (0.36 sec)

499967	1954-04-21	Bangqing	Bodoff	M	1996-08-15
499968	1959-03-07	Dharmaraja	Ertl	M	1991-10-08
499969	1960-09-02	Masanao	Ducloy	M	1992-02-16
499970	1963-03-25	Danai	Hedayat	M	1994-08-06
499973	1963-06-03	Lobel	Taubman	M	1994-02-01
499975	1952-11-09	Masali	Chorvat	M	1992-01-23
499977	1956-06-05	Martial	Weisert	F	1996-09-17
499978	1960-03-29	Chiranjit	Kuzuoka	M	1990-05-24
499979	1962-10-29	Prasadram	Waleschkowski	M	1994-01-04
499980	1959-06-28	Gino	Usery	M	1991-02-11
499981	1955-01-02	Yunming	Mitina	F	1991-03-07
499985	1964-12-26	Gila	Lukaszewicz	M	1997-02-11
499987	1961-09-05	Rimli	Dusink	F	1998-09-20
499989	1954-05-26	Keiichiro	Lindqvist	M	1993-10-28
499993	1963-06-04	DeForest	Mullainathan	M	1997-04-07
499994	1952-02-26	Navin	Argence	F	1990-04-24
499995	1958-09-24	Dekang	Lichtner	F	1993-01-12
499996	1953-03-07	Zito	Baaz	M	1990-09-27
499998	1956-09-05	Patricia	Breugel	M	1993-10-13
499999	1958-05-01	Sachin	Tsukuda	M	1997-11-30

135227 rows in set (0.18 sec)

Otmar	Feinberg
Unal	Fendler
Yuchang	Francisci
Chenyi	Feinberg
Shim	Feldhoffer
Ashish	Fortenbacher
Fan	Fairtlough
Fen	Fiebach
Ramzi	Furudate
Oscal	Fasbender
Morris	Famili
Aleksander	Fioravanti
Chiradeep	Furedi
Shin	Foote
Deniz	Fontan
Nathan	Flowers
Tse	Felcyn
Tadahiro	Fordan
Sahrah	Figueira
Dayanand	Figueira
Kwangjo	Fiebach
Gina	Falster
Bernice	Felcyn
Sreenivas	Farrag
Lillian	Fontet
Ult	Farrar
Heping	Fontan
Xiong	Ferriere
Kasturi	Fraisse
Jungsoon	Fiebach

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

50 rows in set (0.00 sec)

URL to GitHub Repository:

<https://github.com/edsupler/Week1MySQL>

