

INSERT INTO persons (person\_id, fname, lname, gender, birth\_date)

VALUES (12, 'Alberta', 'Zanders', 'F', '1976-08-01');

The screenshot shows a database management tool interface. At the top, there's a toolbar with various icons and a 'Limit to 1000 rows' dropdown. Below the toolbar is a 'Find' bar. The main area displays two lines of SQL code:

```
1 INSERT INTO persons (person_id, fname, lname, gender, birth_date)
2 VALUES (12, 'Alberta', 'Zanders', 'F', '1976-08-01');
```

Below the code editor is an 'Output' section with a tab labeled 'Action Output'. It contains a table of execution results:

#	Time	Action	Message
87	19:51:09	SELECT * FROM persons LIMIT 0, 1000	5 row(s) returned
88	19:51:39	UPDATE persons SET gender = 'M', birth_date= '1986-01-04' WHERE person_id= 1	1 row(s) affected Rows matched: 1 Changed: 1 Warnings: 0
89	19:52:47	SELECT CONCAT(first_name, '', last_name, ' has been a', title, 'since', start_date) emp_narrative FROM emplo...	5 row(s) returned
90	19:53:46	SELECT SUBSTRING(goodbye cruel world', 9, 5) LIMIT 0, 1000	1 row(s) returned
91	19:58:31	INSERT INTO persons (person_id, fname, lname, gender, birth_date) VALUES (12, 'Alberta', 'Zanders', 'F', '197...	1 row(s) affected

SELECT \* FROM persons

Limit to 1000 rows

Find

1 `SELECT * FROM persons`

Result Grid

	person_id	fname	lname	gender	birth_date	street	city	state	country	postal_code
1	Michael	Smith	M	1986-01-04	1225 Tremont St.	Boston	MA	USA	02138	
12	Alberta	Zanders	F	1976-08-01	NULL	NULL	NULL	NULL	NULL	
3	Robert	Tyler	NULL	NULL	NULL	NULL	NULL	NULL	NULL	
4	Susan	Hawthorne	NULL	NULL	NULL	NULL	NULL	NULL	NULL	
5	John	Gooding	NULL	NULL	NULL	NULL	NULL	NULL	NULL	
6	Helen	Fleming	NULL	NULL	NULL	NULL	NULL	NULL	NULL	
*	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	

persons 6 x

Output

Action Output

#	Time	Action	Message
88	19:51:39	UPDATE persons SET gender = 'M', birth_date = '1986-01-04' WHERE person_id= 1	1 row(s) affected Rows matched: 1 Changed: 1 Warnings: 0
89	19:52:47	SELECT CONCAT(first_name, ' ', last_name, ' has been a', title, ' since', start_date) emp_narrative FROM emplo...	5 row(s) returned
90	19:53:46	SELECT SUBSTRING('goodbye cruel world', 9, 5) LIMIT 0, 1000	1 row(s) returned
91	19:58:31	INSERT INTO persons (person_id, fname, lname, gender, birth_date) VALUES (12, 'Alberta', 'Zanders', 'F', '197...	1 row(s) affected
92	19:59:07	INSERT INTO persons (person_id, fname, lname, gender, birth_date) VALUES (12, 'Alberta', 'Zanders', 'F', '19...	Error Code: 1062. Duplicate entry '12' for key 'PRIMARY'
93	20:01:48	SELECT * FROM persons LIMIT 0, 1000	6 row(s) returned

UPDATE persons

SET lname = 'Anderson'

WHERE person\_id= 12;

The screenshot shows a database management interface with a SQL editor at the top and an output window at the bottom. The SQL editor contains three lines of code: `UPDATE persons`, `SET lname = 'Anderson'`, and `WHERE person_id= 12;`. The output window displays a table of execution results with columns for line number, time, action, and message. The first three lines (96-98) show errors: 'Unknown column 'Zanders' in 'where clause'' and 'Unknown system variable 'lname''.

SQL Editor:

```
1 UPDATE persons
2 SET lname = 'Anderson'
3 WHERE person_id= 12;
```

Output:

#	Time	Action	Message
96	20:04:43	UPDATE persons SET lname = 'Anderson' WHERE lname = Zanders	Error Code: 1054. Unknown column 'Zanders' in 'where clause'
97	20:05:34	SET lname = 'Anderson' WHERE lname = Zanders	Error Code: 1193. Unknown system variable 'lname'
98	20:05:50	SET lname = 'Anderson' WHERE lname = 'Zanders'	Error Code: 1193. Unknown system variable 'lname'
99	20:06:10	SELECT * FROM persons LIMIT 0, 1000	6 row(s) returned
100	20:06:39	SET lname = 'Anderson' WHERE person_id= 12	Error Code: 1193. Unknown system variable 'lname'
101	20:06:50	UPDATE persons SET lname = 'Anderson' WHERE person_id= 12	1 row(s) affected Rows matched: 1 Changed: 1 Warnings: 0

`SELECT * FROM persons;`

Limit to 1000 rows

Find

1 ✖ `SELECT * FROM persons;`

Result Grid

person_id	fname	lname	gender	birth_date	street	city	state	country	postal_code
1	Michael	Smith	M	1986-01-04	1225 Tremont St.	Boston	MA	USA	02138
12	Alberta	Anderson	F	1976-08-01	NULL	NULL	NULL	NULL	NULL
3	Robert	Tyler	NULL	NULL	NULL	NULL	NULL	NULL	NULL
4	Susan	Hawthorne	NULL	NULL	NULL	NULL	NULL	NULL	NULL
5	John	Gooding	NULL	NULL	NULL	NULL	NULL	NULL	NULL
6	Helen	Fleming	NULL	NULL	NULL	NULL	NULL	NULL	NULL
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL

persons 8 x Apply

Output

Action Output

#	Time	Action	Message
97	20:05:34	SET lname = 'Anderson' WHERE lname = Zanders	Error Code: 1193. Unknown system variable 'lname'
98	20:05:50	SET lname = 'Anderson' WHERE lname = 'Zanders'	Error Code: 1193. Unknown system variable 'lname'
99	20:06:10	SELECT * FROM persons LIMIT 0, 1000	6 row(s) returned
100	20:06:39	SET lname = 'Anderson' WHERE person_id= 12	Error Code: 1193. Unknown system variable 'lname'
101	20:06:50	UPDATE persons SET lname = 'Anderson' WHERE person_id= 12	1 row(s) affected Rows matched: 1 Changed: 1 Warnings: 0
102	20:07:59	SELECT * FROM persons LIMIT 0, 1000	6 row(s) returned

DELETE FROM persons

WHERE lname like 'H%' OR fname like 'H%';

The screenshot shows a database management tool interface. At the top, there is a toolbar with various icons for file operations, execution, and search. Below the toolbar, a SQL query is entered in a text area:

```
1 DELETE FROM persons
2 WHERE lname like 'H%' OR fname like 'H%';
```

Below the query editor, there is a section labeled "Output" with a dropdown menu set to "Action Output". Below this, a table displays the execution results:

#	Time	Action	Message
1	20:18:26	DELETE FROM persons WHERE lname like 'H%' OR fname like 'H%'	2 row(s) affected

SELECT \* FROM persons;

1 `SELECT * FROM persons;`  
 2

Limit to 1000 rows

Result Grid

	person_id	fname	lname	gender	birth_date	street	city	state	country	postal_code
▶ 1	Michael	Smith	M	1986-01-04	1225 Tremont St.	Boston	MA	USA	02138	
12	Alberta	Anderson	F	1976-08-01	NULL	NULL	NULL	NULL	NULL	
3	Robert	Tyler	NULL	NULL	NULL	NULL	NULL	NULL	NULL	
5	John	Gooding	NULL	NULL	NULL	NULL	NULL	NULL	NULL	
*	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	

persons 1 x

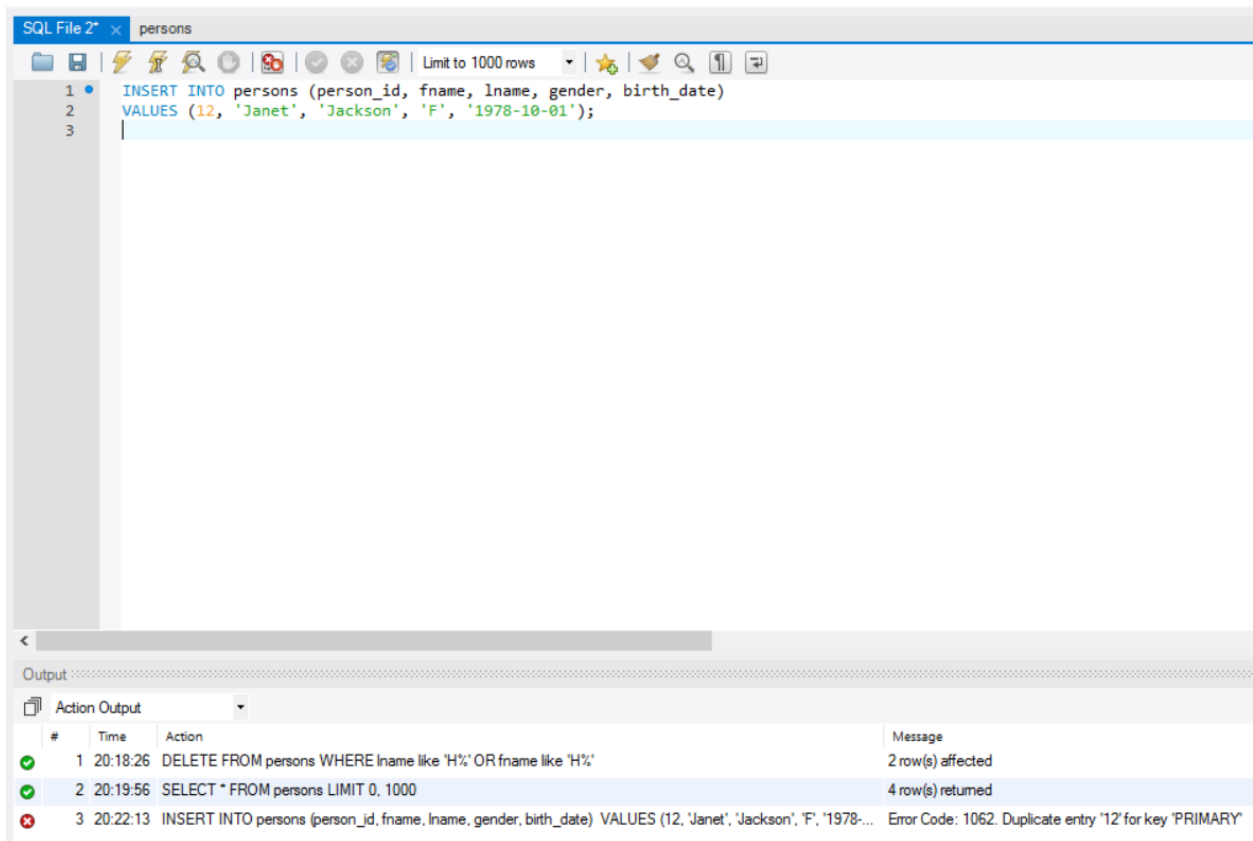
Output

Action Output

#	Time	Action	Message
✓ 1	20:18:26	DELETE FROM persons WHERE lname like 'H%' OR fname like 'H%'	2 row(s) affected
✓ 2	20:19:56	SELECT * FROM persons LIMIT 0, 1000	4 row(s) returned

INSERT INTO persons (person\_id, fname, lname, gender, birth\_date)

VALUES (12, 'Janet', 'Jackson', 'F', '1978-10-01');



UPDATE persons

SET gender = 'W'

WHERE person\_id = 1;

Limit to 1000 rows

```

1 UPDATE persons
2 SET gender = 'W'
3 WHERE person_id = 1;

```

Automatic context  
Use the toolbar to  
help for the current  
or to toggle autom

Context Help Snippets

Output

Action Output

#	Time	Action	Message
1	20:18:26	DELETE FROM persons WHERE lname like 'H%' OR fname like 'H%'	2 row(s) affected
2	20:19:56	SELECT * FROM persons LIMIT 0, 1000	4 row(s) returned
3	20:22:13	INSERT INTO persons (person_id, fname, lname, gender, birth_date) VALUES (12, 'Janet', 'Jackson', 'F', '1978-...	Error Code: 1062. Duplicate entry '12' for key 'PRIMARY'
4	20:25:56	UPDATE persons SET postal_code= '9732715428' WHERE person_id= 1	1 row(s) affected Rows matched: 1 Changed: 1 Warnings: 0
5	20:26:23	UPDATE persons SET postal_code= '02138' WHERE person_id= 1	1 row(s) affected Rows matched: 1 Changed: 1 Warnings: 0
6	20:26:44	UPDATE persons SET gender = 'W' WHERE person_id = 1	1 row(s) affected, 1 warning(s): 1265 Data truncated for column 'gender' at row 1 Rows matched: 1 Changed: 1 ...

DELETE FROM persons

WHERE person\_id = Melissa;

Limit to 1000 rows

```

1 DELETE FROM persons
2 WHERE person_id = Melissa;

```

Output

Action Output

#	Time	Action	Message
5	20:26:23	UPDATE persons SET postal_code= '02138' WHERE person_id= 1	1 row(s) affected Rows matched: 1 Changed: 1 Warnings: 0
6	20:26:44	UPDATE persons SET gender = 'W' WHERE person_id = 1	1 row(s) affected, 1 warning(s): 1265 Data truncated for column 'ge
7	20:27:09	UPDATE persons SET gender = 'F' WHERE person_id = 1	1 row(s) affected Rows matched: 1 Changed: 1 Warnings: 0
8	20:28:31	DELETE FROM persons WHERE person_id = 15	0 row(s) affected
9	20:29:07	SELECT * FROM persons LIMIT 0, 1000	4 row(s) returned
10	20:29:14	DELETE FROM persons WHERE person_id = Melissa	Error Code: 1054. Unknown column 'Melissa' in 'where clause'