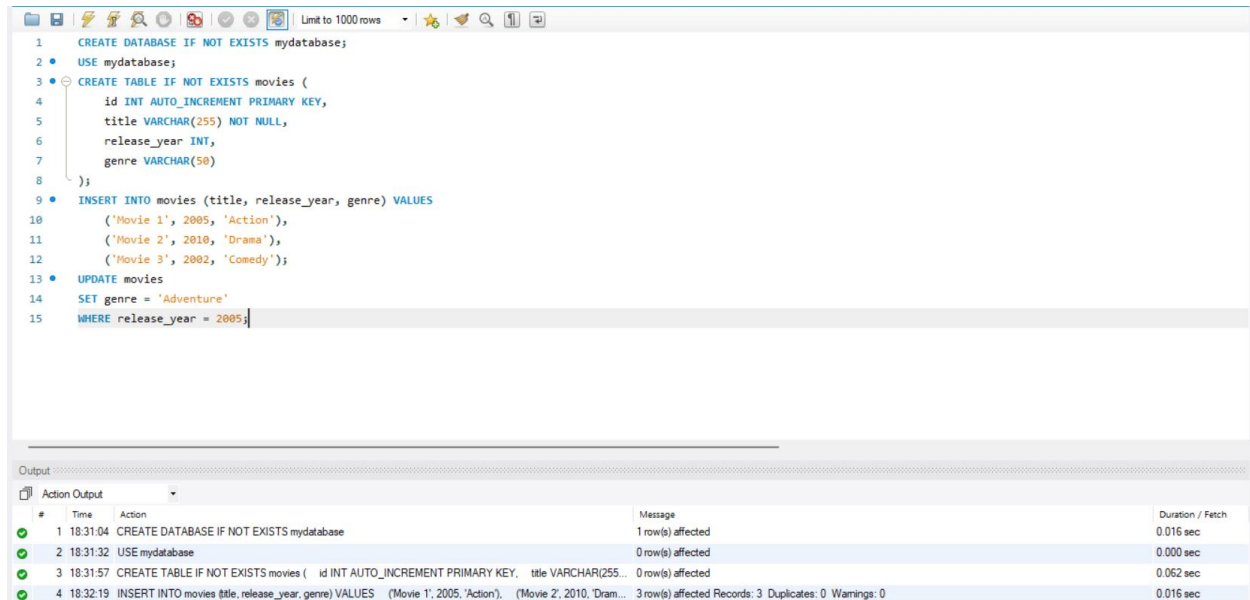


CREATE DATABASE



The screenshot shows a database management tool interface. The top pane contains SQL code for creating a database, a table, inserting data, and updating a record. The bottom pane shows the output of these operations, including the time taken and the number of rows affected.

```
1 CREATE DATABASE IF NOT EXISTS mydatabase;
2 USE mydatabase;
3 CREATE TABLE IF NOT EXISTS movies (
4     id INT AUTO_INCREMENT PRIMARY KEY,
5     title VARCHAR(255) NOT NULL,
6     release_year INT,
7     genre VARCHAR(50)
8 );
9 INSERT INTO movies (title, release_year, genre) VALUES
10     ('Movie 1', 2005, 'Action'),
11     ('Movie 2', 2010, 'Drama'),
12     ('Movie 3', 2002, 'Comedy');
13 UPDATE movies
14 SET genre = 'Adventure'
15 WHERE release_year = 2005;
```

Output

#	Time	Action	Message	Duration / Fetch
1	18:31:04	CREATE DATABASE IF NOT EXISTS mydatabase	1 row(s) affected	0.016 sec
2	18:31:32	USE mydatabase	0 row(s) affected	0.000 sec
3	18:31:57	CREATE TABLE IF NOT EXISTS movies (id INT AUTO_INCREMENT PRIMARY KEY, title VARCHAR(255) NOT NULL, release_year INT, genre VARCHAR(50))	0 row(s) affected	0.062 sec
4	18:32:19	INSERT INTO movies (title, release_year, genre) VALUES ('Movie 1', 2005, 'Action'), ('Movie 2', 2010, 'Drama'), ('Movie 3', 2002, 'Comedy')	3 row(s) affected Records: 3 Duplicates: 0 Warnings: 0	0.016 sec

CREATE DATABASE IF NOT EXISTS mydatabase;

USE mydatabase;

CREATE TABLE IF NOT EXISTS movies (
 id INT AUTO_INCREMENT PRIMARY KEY,
 title VARCHAR(255) NOT NULL,
 release_year INT,
 genre VARCHAR(50)
);

INSERT

INSERT INTO movies (title, release_year, genre) VALUES
 ('Movie 1', 2005, 'Action'),
 ('Movie 2', 2010, 'Drama'),
 ('Movie 3', 2002, 'Comedy');

UPDATE

UPDATE movies SET genre = 'Adventure' WHERE release_year = 2005;

ALTER

ALTER TABLE movies ADD COLUMN director VARCHAR(100);

SELECT WHERE CLAUSE

```
18 • SELECT * FROM movies
19 WHERE release_year BETWEEN 2000 AND 2010;
20
```

Result Grid					
		Filter Rows:		Edit:	
				Export/Import:	
				Wrap Cell Content:	
	id	title	release_year	genre	director
▶	1	Movie 1	2005	Action	NULL
	2	Movie 2	2010	Drama	NULL
	3	Movie 3	2002	Comedy	NULL
*	NULL	NULL	NULL	NULL	NULL

DISTINCT

```
20
21 • SELECT DISTINCT genre FROM movies;
22
23
```

Result Grid	
Filter Rows:	
Export:	
Wrap Cell Content:	
	genre
▶	Action
	Drama
	Comedy

GROUP BY

```

23 • SELECT genre, COUNT(*) AS movie_count
24 FROM movies
25 GROUP BY genre;
26
27
28

```

Result Grid		Filter Rows:	Export:	Wrap Cell Content:
genre	movie_count			
▶ Action	1			
Drama	1			
Comedy	1			

ORDER BY

```

26
27 • SELECT * FROM movies
28 ORDER BY release_year DESC;
29
30
31
32

```

Result Grid

Filter Rows:

Edit:

	id	title	release_year	genre	director
▶	2	Movie 2	2010	Drama	NULL
	1	Movie 1	2005	Action	NULL
	3	Movie 3	2002	Comedy	NULL
✱	NULL	NULL	NULL	NULL	NULL

OFFSET and LIMIT

```
31
32 • SELECT * FROM movies
33 ORDER BY release_year
34 LIMIT 5 OFFSET 5;
35
```

Result Grid			Filter Rows: <input type="text"/>	Edit: 			Export/Import: 		Wrap Cell Content: 	Fetch
	id	title	release_year	genre	director					
*	NULL	NULL	NULL	NULL	NULL					