

```
create database office;
use office;
```

[-] -- DML commands: used to manage and manipulate data
-- The main DML commands are:

-- Command	Purpose
-- SELECT --->	Retrieve data from one or more tables.
-- INSERT --->	Add new rows (records) into a table.
-- UPDATE --->	Modify existing rows in a table.
-- DELETE --->	Remove existing rows from a table.

```
CREATE TABLE employees (  
    emp_id INT PRIMARY KEY,  
    emp_name VARCHAR(100),  
    department VARCHAR(50),  
    salary DECIMAL(10, 2)  
);
```

-- a) INSERT → Add new data

```
INSERT INTO employees (emp_id, emp_name, department, salary)
VALUES
```

```
(1, 'Alice', 'HR', 60000.00),
(101, 'Alice', 'HR', 60000.00),
(102, 'Bob', 'IT', 75000.00),
(103, 'Charlie', 'Finance', 70000.00);
```

--b) SELECT → Fetch data

```
select * from employees;
```

.10 %

Results Messages

	emp_id	emp_name	department	salary
1	1	Alice	HR	60000.00
2	101	Alice	HR	60000.00
3	102	Bob	IT	75000.00
4	103	Charlie	Finance	70000.00

```
-- c) UPDATE → Modify existing data
```

```
update employees
```

```
set salary = 90000.00
```

```
where emp_id = 102;
```

```
select * from employees;
```

110 %

Results Messages

	emp_id	emp_name	department	salary
1	1	Alice	HR	60000.00
2	101	Alice	HR	60000.00
3	102	Bob	IT	90000.00
4	103	Charlie	Finance	70000.00

```
-- d) DELETE → Remove data
```

```
delete from employees
```

```
where emp_id = 1;
```

```
select * from employees; -- Record from row1 has been deleted
```

110 %



Results



Messages

	emp_id	emp_name	department	salary
1	101	Alice	HR	60000.00
2	102	Bob	IT	90000.00
3	103	Charlie	Finance	70000.00