DATABASE OPERTIONS

- Table creation
  - $sql1 = "CREATE TABLE empdata(id INT AUTO_INCREMENT PRIMARY KEY,name VARCHAR(30) NOT NULL,email VARCHAR(50) NOT NULL,salary INT NOT NULL)";

    if(mysqli_query($conn, $sql1)){   **(Note:procedural method)**

     echo "Table empdata created successfully";

    }else{

    echo "Could not create table: ". mysqli_error($conn);

    }
  - if ($conn->query($sql1) === TRUE) **(Note:object oriented)**
- insert operation
  - $sql = 'INSERT INTO empdata(name,email,salary) VALUES ("reshma","reshma@gmail.com","9000")';

    if(mysqli_query($conn, $sql)){

     echo "Record inserted successfully";

    }else{

    echo "Could not insert record: ". mysqli_error($conn);

    }

- Update operation
  - $id=1;

    $name="Reemaz";

```php
$salary=8000;

$sql = "update empdata set name=\"$name\",
salary=$salary where id=$id";

if(mysqli_query($conn, $sql)){

 echo "Record updated successfully";

}else{

echo "Could not update record: ". mysqli_error($conn);

}
```

- Delete
  - ```php
    $sql = "delete from empdata where id=2";

    if(mysqli_query($conn, $sql)){

     echo "Record deleted successfully";

    }else{

    echo "Could not deleted record: ". mysqli_error($conn);

    }
    ```

- Multi Query
  - Syntax : mysqli_multi_query($conn, $sql)
  - ```php
    $sql = "INSERT INTO empdata (name,email,salary)

    VALUES ('John','john@example.com','10000');";

    $sql .= "INSERT INTO empdata (name,email,salary)

    VALUES ('Archana', 'archu@example.com','9000');";
    ```

```php
$sql .= "INSERT INTO empdata (name,email,salary)

VALUES ('Amrita', 'ammu@example.com','6000')";


if (mysqli_multi_query($conn, $sql)) {

  echo "New records created successfully";

} else {

  echo "Error: " . $sql . "<br>" . mysqli_error($conn);

}
```

To execute multi Query of fetch or other operation:

➢ Syntax: mysqli_next_result($con)
➢ To obtain the result of next query in the sequence of query executed simultaneously
o if (mysqli_multi_query($con, $sql)) {

```php
  do {

   // Store first result set

   if ($result = mysqli_store_result($con)) {

    while ($row = mysqli_fetch_row($result)) {

     printf("%s\n", $row[0]);

    }

    mysqli_free_result($result);

   }
```

```
    //Prepare next result set

 } while (mysqli_next_result($con));

}
```

After doing all the operation we can display the result inside the php itself or else we can go inside mysql module by clicking admin in mysql module in xampp control panel

So in the left side we can see the db we have created and table inside that. So on doing an operation we can double click the table name on the left side to view the changes in the table.