**MY SQL QUERIES**

**ORDER BY**

* SELECT \* FROM `customers` ORDER BY Country DESC;
* SELECT \* FROM `product` ORDER BY pprice;
* SELECT \* FROM product ORDER BY country, pname;
* SELECT \* FROM product ORDER BY country ASC, pname DESC;

**UPDATE**

* UPDATE `customers` SET `City`='delhi' WHERE `Country`="India";
* UPDATE `product` SET `country`='INDIA';
* #UPDATE `customers` SET `City`='delhi' WHERE `Country`="India";
* #UPDATE `customers` SET `CustomerName`="Anu" WHERE `CustomerId`=1;

**DELETE**

* #DELETE FROM `customers` WHERE `CustomerId`=5;
* DELETE FROM table\_name WHERE condition;

19-09-2025 task

#Use a query to view only those students whose fees\_paid is greater than 5000.

#SELECT \* FROM `student` WHERE `fees\_paid`>5000;

#Update the status to 'Active' for students in the 'Web Development' course.

#UPDATE `student` SET `status`='Active' WHERE `course`='Data Science';

#Increase the fees\_paid by 1000 for students enrolled in 'Data Science'.

#UPDATE `student` SET `fees\_paid`=(fees\_paid+1000) WHERE `course`='Data Science';

#Update both status to 'Inactive' and reduce fees\_paid by 500 for the student whose id is 3.

#UPDATE `student` SET `fees\_paid`=(fees\_paid-500), `status`='Inactive' WHERE id=3;

#Delete the student whose id is 2.

#DELETE FROM `student` WHERE id=2;

#Delete all students who are 'Inactive'

#DELETE FROM `student` WHERE status='Inactive';

22-09-2025 class task

You are managing a database for a mobile store. The table is called mobiles and contains the following columns: id (number) brand (text) model (text) price (number) stock (number) Perform the following tasks: Insert the following mobile records into the table: (1, 'Samsung', 'Galaxy M14', 12000, 30) (2, 'Redmi', 'Note 12', 15000, 25) (3, 'Realme', 'Narzo 50', 13000, 20) (4, 'Samsung', 'Galaxy A23', 18000, 10) Display all mobiles that cost more than 13000 or have stock less than 15. Increase the stock by 5 and update the price to 12500 for the mobile with model = 'Narzo 50'. Delete the mobile whose id is 2. Find the lowest and highest price in the table. Find the total stock of all mobiles in the table. Show the top 2 most expensive mobiles.

SELECT \* FROM `mobiles` WHERE `price`>13000 OR `stock`<15;

| **[Full texts](http://localhost/phpmyadmin/index.php)** | | | | [**id**](http://localhost/phpmyadmin/index.php?route=/sql&db=data&table=mobiles&sql_query=SELECT+%2A+FROM+%60mobiles%60+WHERE+%60price%60%3E13000+OR++%60stock%60%3C15++%0AORDER+BY+%60mobiles%60.%60id%60+ASC&sql_signature=c618933cb8f29b2a122ce6a13ab9123102ad5f769fdc2501e2d29709418ea0ca&session_max_rows=25&is_browse_distinct=0) | [**brand**](http://localhost/phpmyadmin/index.php?route=/sql&db=data&table=mobiles&sql_query=SELECT+%2A+FROM+%60mobiles%60+WHERE+%60price%60%3E13000+OR++%60stock%60%3C15++%0AORDER+BY+%60mobiles%60.%60brand%60+ASC&sql_signature=6654748a209e0c59b91ea9f2cf9c2c3d96c6553212a31288b2dbc6609d8e79b3&session_max_rows=25&is_browse_distinct=0) | [**model**](http://localhost/phpmyadmin/index.php?route=/sql&db=data&table=mobiles&sql_query=SELECT+%2A+FROM+%60mobiles%60+WHERE+%60price%60%3E13000+OR++%60stock%60%3C15++%0AORDER+BY+%60mobiles%60.%60model%60+ASC&sql_signature=940969ff9024e328d35e68bcf12dc32f455d98261597e3ccfcdddd04f16cc2c5&session_max_rows=25&is_browse_distinct=0) | [**price**](http://localhost/phpmyadmin/index.php?route=/sql&db=data&table=mobiles&sql_query=SELECT+%2A+FROM+%60mobiles%60+WHERE+%60price%60%3E13000+OR++%60stock%60%3C15++%0AORDER+BY+%60mobiles%60.%60price%60+ASC&sql_signature=9059360d7cb7269a3ab1ddf67f429b593e44be29043a4a87128e8b4f02afcf40&session_max_rows=25&is_browse_distinct=0) | [**stock**](http://localhost/phpmyadmin/index.php?route=/sql&db=data&table=mobiles&sql_query=SELECT+%2A+FROM+%60mobiles%60+WHERE+%60price%60%3E13000+OR++%60stock%60%3C15++%0AORDER+BY+%60mobiles%60.%60stock%60+ASC&sql_signature=91e51fb04e9aa7aa69aed98b1bca561e067df88a6484952263e1c5fe9acef575&session_max_rows=25&is_browse_distinct=0) |  | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | [Edit Edit](http://localhost/phpmyadmin/index.php) | [Copy Copy](http://localhost/phpmyadmin/index.php) | [Delete Delete](http://localhost/phpmyadmin/index.php) | 2 | Redmi | Note 12 | 15000 | 25 |  |  |  |  |
|  | [Edit Edit](http://localhost/phpmyadmin/index.php) | [Copy Copy](http://localhost/phpmyadmin/index.php) | [Delete Delete](http://localhost/phpmyadmin/index.php) | 4 | Samsung | Galaxy A23 | 18000 | 10 |  |  |  |  |

[UPDATE](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/update.html) `mobiles` [SET](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/set.html) `stock`=(stock+5) ,`price`=12500 WHERE `model`='Narzo 50';

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 3 | Realme | Narzo 50 | 12500 | 25 |
|  |  |  |  |  |

[DELETE](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/delete.html) FROM `mobiles` WHERE `id`=2;

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 1 | Samsung | Galaxy M14 | 12000 | 30 | |
|  | 3 | Realme | Narzo 50 | 12500 | 25 |
|  | 4 | Samsung | Galaxy A23 | 18000 | 10 |

[SELECT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/select.html) [MIN](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/aggregate-functions.html%23function_min)(price) AS min\_price, [MAX](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/aggregate-functions.html%23function_max)(price) AS max\_price FROM mobiles;

| **min\_price** | **max\_price** |  |
| --- | --- | --- |
| 12000 | 18000 |  |

[SELECT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/select.html) [SUM](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/aggregate-functions.html%23function_sum)(stock) FROM mobiles;

| **SUM(stock)** |  |
| --- | --- |
| 65 |  |

[SELECT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/select.html) \* FROM mobiles ORDER BY `price` DESC LIMIT 2;

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 4 | Samsung | Galaxy A23 | 18000 | 10 |
| 3 | Realme | Narzo 50 | 12500 | 25 |

Q2.

You are helping manage a small online bookstore's database. The table is called books, and it stores the following details: id (number) title (text) author (text) price (number) stock (number) Perform the following tasks: Add the following five books to the tablecc Display all books that cost less than 450 and have stock more than 30. Update the stock to 45 and reduce the price to 420 for the book titled ‘Deep Work’. Delete the book titled ‘Ikigai’. Show the average book price and total number of books currently in the table. Display the top 3 most expensive books available.

[SELECT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/select.html) \* FROM `books` WHERE `price`<450 [AND](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/logical-operators.html%23operator_and) `stock`>30;

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 1 | | The Alchemist | Paulo Coelho | 350 | 50 |
| 4 | Ikigai | Francesc Miralles | 300 | 60 | |

[UPDATE](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/update.html) `books` [SET](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/set.html)`stock`=45,`price`=420 WHERE title='Deep Work';

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 5 | Deep Work | Cal Newport | 420 | 45 |

[DELETE](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/delete.html) FROM `books` WHERE `title`='ikigai';

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| [Edit Edit](http://localhost/phpmyadmin/index.php) | [Copy Copy](http://localhost/phpmyadmin/index.php) | [Delete Delete](http://localhost/phpmyadmin/index.php) | 1 | The Alchemist | Paulo Coelho | 350 | 50 |
|  | [Edit Edit](http://localhost/phpmyadmin/index.php) | [Copy Copy](http://localhost/phpmyadmin/index.php) | [Delete Delete](http://localhost/phpmyadmin/index.php) | 2 | Atomic Habits | James Clear | 450 | 40 |
|  | [Edit Edit](http://localhost/phpmyadmin/index.php) | [Copy Copy](http://localhost/phpmyadmin/index.php) | [Delete Delete](http://localhost/phpmyadmin/index.php) | 3 | The Psychology of Money | Morgan Housel | 400 | 30 |
|  | [Edit Edit](http://localhost/phpmyadmin/index.php) | [Copy Copy](http://localhost/phpmyadmin/index.php) | [Delete Delete](http://localhost/phpmyadmin/index.php) | 5 | Deep Work | Cal Newport | 420 | 45 |

[SELECT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/select.html) [AVG](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/aggregate-functions.html%23function_avg)(price) AS avgbookprice, [COUNT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/aggregate-functions.html%23function_count)(title) as totalbooks FROM `books`;

Top of Form

Top of Form

Bottom of Form

| **avgbookprice** | **totalbooks** |  |
| --- | --- | --- |
| 405.0000 | 4 |  |

[SELECT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/select.html) \* FROM `books` ORDER BY price DESC LIMIT 3;

Top of Form

Top of Form

Bottom of Form

Top of Form

| **[Full texts](http://localhost/phpmyadmin/index.php)** | | | | [**id**](http://localhost/phpmyadmin/index.php?route=/sql&db=data&table=books&sql_query=SELECT+%2A+FROM+%60books%60+%0AORDER+BY+%60books%60.%60id%60+ASC+LIMIT+3&sql_signature=fc0f8a09befba6183e2f35d0ee8f4b08b5fd9a8a09a5ef7a1b92537871691be6&session_max_rows=25&is_browse_distinct=0) | [**title**](http://localhost/phpmyadmin/index.php?route=/sql&db=data&table=books&sql_query=SELECT+%2A+FROM+%60books%60+%0AORDER+BY+%60books%60.%60title%60+ASC+LIMIT+3&sql_signature=03401926691ed8f490ecc8510bb09392ef2307d3bc81370a51e40c8b8424010a&session_max_rows=25&is_browse_distinct=0) | [**author**](http://localhost/phpmyadmin/index.php?route=/sql&db=data&table=books&sql_query=SELECT+%2A+FROM+%60books%60+%0AORDER+BY+%60books%60.%60author%60+ASC+LIMIT+3&sql_signature=f31cededef6276d82c47293c108fc977cc86f2e77e1b5bdaab799467422e2c6d&session_max_rows=25&is_browse_distinct=0) | [**price [Descending](http://localhost/phpmyadmin/index.php?route=/sql&db=data&table=books&sql_query=SELECT+%2A+FROM+%60books%60+%0AORDER+BY+%60books%60.%60price%60+ASC+LIMIT+3&sql_signature=5a6e8fd4a7176b71500304e507759caab7637407e4440e2980cddd638ff0b860&session_max_rows=25&is_browse_distinct=0) 1**](http://localhost/phpmyadmin/index.php?route=/sql&db=data&table=books&sql_query=SELECT+%2A+FROM+%60books%60+%0AORDER+BY+%60books%60.%60price%60+ASC+LIMIT+3&sql_signature=5a6e8fd4a7176b71500304e507759caab7637407e4440e2980cddd638ff0b860&session_max_rows=25&is_browse_distinct=0) | [**stock**](http://localhost/phpmyadmin/index.php?route=/sql&db=data&table=books&sql_query=SELECT+%2A+FROM+%60books%60+%0AORDER+BY+%60books%60.%60stock%60+ASC+LIMIT+3&sql_signature=835fc704d032d239d226bf2dcd9b36fcfa5edd198ca0039db8823b7b7c1338dc&session_max_rows=25&is_browse_distinct=0) |  | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | [Edit Edit](http://localhost/phpmyadmin/index.php) | [Copy Copy](http://localhost/phpmyadmin/index.php) | [Delete Delete](http://localhost/phpmyadmin/index.php) | 2 | Atomic Habits | James Clear | 450 | 40 |  |  |  |  |
|  | [Edit Edit](http://localhost/phpmyadmin/index.php) | [Copy Copy](http://localhost/phpmyadmin/index.php) | [Delete Delete](http://localhost/phpmyadmin/index.php) | 5 | Deep Work | Cal Newport | 420 | 45 |  |  |  |  |
|  | [Edit Edit](http://localhost/phpmyadmin/index.php) | [Copy Copy](http://localhost/phpmyadmin/index.php) | [Delete Delete](http://localhost/phpmyadmin/index.php) | 3 | The Psychology of Money | Morgan Housel | 400 | 30 |  |  |  |  |

Bottom of Form

**LIKE**