**USE ecommerce\_db;**

**-- Extract all data from table**

**SELECT \* FROM Users;**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| user\_id | name | email | phone | address |
| 1 | Aditya Patil | aditya@gmail.com | 9000001111 | Pune, India |
| 2 | Bhushan Chavan | chavanb@gmail.com | 9123456789 | Mumbai, India |
| 3 | Chetan Salunkhe | chetan@gmail.com | 9876501234 | Delhi, India |
| 4 | Dinesh Jadhav | jdinesh@gmail.com | 9123456780 | Bangalore, India |
| 5 | Ganesh Kadam | gkadam@gmail.com | 9988007766 | Hyderabad, India |
| 6 | Tushar Patil | tushar@gmail.com | 9112233445 | Chennai, India |
| 7 | Akshay Jadhav | jadhavaksahy@gmail.com | 9876544210 | Dhanori, India |
| 8 | Ashutosh Bankar | bankara@gmail.com | 9988777755 | Dombivli, India |
| 9 | Vijay Sawant | sawantv@gmail.com | 9876501342 | Thane, India |
| 10 | Pratik Pakhale | pratikp@gmail.com | 9123455748 | Gujarat, India |
| 11 | Rushi Kale | rushikale@gmail.com | 9988006688 | Satara, India |
| 12 | Roshan Punekar | roshan@gmail.com | 9112233344 | Kolhapur, India |

**SELECT \* FROM Products;**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| product\_id | name | description | price | stock | category\_id |
| 1 | Laptop | 15-inch gaming laptop | 55000 | 9 | 1 |
| 2 | T-shirt | Cotton round neck T-shirt | 499 | 50 | 2 |
| 3 | Novel | Best-selling novel | 299 | 50 | 3 |
| 4 | Smartphone | Android 5G phone with 128GB storage | 25000 | 25 | 1 |
| 5 | Headphones | Wireless Bluetooth headphones | 1999 | 40 | 1 |
| 6 | Jeans | Denim blue jeans | 1299 | 60 | 2 |
| 7 | Cricket Bat | Professional grade cricket bat | 4999 | 20 | 5 |
| 8 | Microwave Oven | 20L Convection Microwave | 8500 | 15 | 4 |
| 9 | Doll | Barbie doll with accessories | 899 | 35 | 6 |
| 10 | Face Cream | Moisturizing cream 100ml | 499 | 50 | 7 |

**SELECT \* FROM Orders;**

|  |  |  |  |
| --- | --- | --- | --- |
| order\_id | user\_id | order\_date | status |
| 1 | 1 | 24-09-2025 16:50 | Delivered |
| 3 | 2 | 24-09-2025 16:50 | Shipped |
| 4 | 4 | 24-09-2025 16:50 | Pending |
| 5 | 5 | 24-09-2025 16:50 | Pending |
| 6 | 6 | 24-09-2025 16:50 | Pending |

**-- Select cheapest product in each category**

**SELECT name, price, category\_id**

**FROM Products**

**ORDER BY category\_id, price ASC**

**LIMIT 1;**

|  |  |  |
| --- | --- | --- |
| name | price | category\_id |
| Headphones | 1999 | 1 |

**-- Extract specific columns**

**SELECT name, email FROM Users;**

|  |  |
| --- | --- |
| name | email |
| Aditya Patil | aditya@gmail.com |
| Bhushan Chavan | chavanb@gmail.com |
| Chetan Salunkhe | chetan@gmail.com |
| Dinesh Jadhav | jdinesh@gmail.com |
| Ganesh Kadam | gkadam@gmail.com |
| Tushar Patil | tushar@gmail.com |
| Akshay Jadhav | jadhavaksahy@gmail.com |
| Ashutosh Bankar | bankara@gmail.com |
| Vijay Sawant | sawantv@gmail.com |
| Pratik Pakhale | pratikp@gmail.com |
| Rushi Kale | rushikale@gmail.com |
| Roshan Punekar | roshan@gmail.com |

**SELECT name, price, stock FROM Products;**

|  |  |  |
| --- | --- | --- |
| name | price | stock |
| Laptop | 55000 | 9 |
| T-shirt | 499 | 50 |
| Novel | 299 | 50 |
| Smartphone | 25000 | 25 |
| Headphones | 1999 | 40 |
| Jeans | 1299 | 60 |
| Cricket Bat | 4999 | 20 |
| Microwave Oven | 8500 | 15 |
| Doll | 899 | 35 |
| Face Cream | 499 | 50 |

**-- Products costing more than 1000**

**SELECT name, price**

**FROM Products**

**WHERE price > 1000;**

|  |  |
| --- | --- |
| name | price |
| Laptop | 55000 |
| Smartphone | 25000 |
| Headphones | 1999 |
| Jeans | 1299 |
| Cricket Bat | 4999 |
| Microwave Oven | 8500 |

**-- Select users from a specific city**

**SELECT name, email**

**FROM Users**

**WHERE address LIKE '%Pune%';**

|  |  |
| --- | --- |
| name | email |
| Aditya Patil | aditya@gmail.com |

**-- Select products that cost more than 1000**

**SELECT name, price**

**FROM Products**

**WHERE price > 1000;**

|  |  |
| --- | --- |
| name | price |
| Laptop | 55000 |
| Smartphone | 25000 |
| Headphones | 1999 |
| Jeans | 1299 |
| Cricket Bat | 4999 |
| Microwave Oven | 8500 |

**-- Select products with stock less than 20**

**SELECT name, stock**

**FROM Products**

**WHERE stock < 20;**

|  |  |
| --- | --- |
| name | stock |
| Laptop | 9 |
| Microwave Oven | 15 |

**-- Select orders with status 'Completed'**

**SELECT order\_id, user\_id, order\_date, status**

**FROM Orders**

**WHERE status = 'Completed';**

|  |  |  |  |
| --- | --- | --- | --- |
| order\_id | user\_id | order\_date | status |
| 4 | 4 | 24-09-2025 16:50 | Pending |
| 5 | 5 | 24-09-2025 16:50 | Pending |
| 6 | 6 | 24-09-2025 16:50 | Pending |

**-- Select first 3 users in alphabetical order**

**SELECT name, email**

**FROM Users**

**ORDER BY name ASC**

**LIMIT 3;**

|  |  |
| --- | --- |
| name | email |
| Aditya Patil | aditya@gmail.com |
| Akshay Jadhav | jadhavaksahy@gmail.com |
| Ashutosh Bankar | bankara@gmail.com |

**-- Select top 5 most expensive products**

**SELECT name, price**

**FROM Products**

**ORDER BY price DESC**

**LIMIT 5;**

|  |  |
| --- | --- |
| name | price |
| Laptop | 55000 |
| Smartphone | 25000 |
| Microwave Oven | 8500 |
| Cricket Bat | 4999 |
| Headphones | 1999 |

**-- Select last 5 orders by date**

**SELECT order\_id, user\_id, order\_date, status**

**FROM Orders**

**ORDER BY order\_date DESC**

**LIMIT 5;**

|  |  |  |  |
| --- | --- | --- | --- |
| order\_id | user\_id | order\_date | status |
| 1 | 1 | 24-09-2025 16:50 | Delivered |
| 3 | 2 | 24-09-2025 16:50 | Shipped |
| 4 | 4 | 24-09-2025 16:50 | Pending |
| 5 | 5 | 24-09-2025 16:50 | Pending |
| 6 | 6 | 24-09-2025 16:50 | Pending |