****

**การพัฒนาเว็ปแอปพลิเคชั่น**

**เรื่อง SQL**

**จัดทำโดย**

**นายปฏิวัฒน์ กฤษฏิ์สุภารัตน์ 031**

**เสนอ**

**ผศ. เสถียร จันทร์ปลา**

**รหัสวิชา CSD3202**

**ภาคเรียนที่ 1**

**คณะวิทยาศาสตร์และเทคโนโลยี**

**มหาวิทยาลัยราชภัฏสวนสุนันทา**

**2567**

คำสั่ง sql

SELECT Customers.Name, Orders.OrderDate, Orders.TotalAmount

FROM Customers

JOIN Orders ON Customers.CustomerID = Orders.CustomerID;

ผลลัพธ์

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| --- | --- | --- |
| [**Name**](http://localhost/phpmyadmin/index.php?route=/sql&db=ecommercedb031&table=Customers&sql_query=SELECT+Customers.Name%2C+Orders.OrderDate%2C+Orders.TotalAmount%0D%0AFROM+Customers%0D%0AJOIN+Orders+ON+Customers.CustomerID+%3D+Orders.CustomerID++%0AORDER+BY+%60Customers%60.%60Name%60+ASC&sql_signature=a9f3fc113bb0af83d28355579a80455f219958e5deba033136a6b05adb95d114&session_max_rows=25&is_browse_distinct=0) | [**OrderDate**](http://localhost/phpmyadmin/index.php?route=/sql&db=ecommercedb031&table=Customers&sql_query=SELECT+Customers.Name%2C+Orders.OrderDate%2C+Orders.TotalAmount%0D%0AFROM+Customers%0D%0AJOIN+Orders+ON+Customers.CustomerID+%3D+Orders.CustomerID++%0AORDER+BY+%60Orders%60.%60OrderDate%60+DESC&sql_signature=318dc9a5930eb5eb518201c82ef28fc98874ce1e5bb1b1ac66522ade5ca362fe&session_max_rows=25&is_browse_distinct=0) | [**TotalAmount**](http://localhost/phpmyadmin/index.php?route=/sql&db=ecommercedb031&table=Customers&sql_query=SELECT+Customers.Name%2C+Orders.OrderDate%2C+Orders.TotalAmount%0D%0AFROM+Customers%0D%0AJOIN+Orders+ON+Customers.CustomerID+%3D+Orders.CustomerID++%0AORDER+BY+%60Orders%60.%60TotalAmount%60+ASC&sql_signature=7306f1a2bb5b1995a983bc9e1f54dec0ab6eff6f48d1dc7e4671c7d8a93c0a9e&session_max_rows=25&is_browse_distinct=0) |
| มชาย ใจดี | 2024-08-25 10:30:00 | 1899.00 |
| สมหญิง พูนสุข | 2024-08-26 14:45:00 | 299.00 |
| กิตติชัย รุ่งเรือง | 2024-08-27 09:15:00 | 2750.00 |
| สุนิสา จันทร์เพ็ญ | 2024-08-28 11:20:00 | 1000.00 |
| เอกชัย เจริญทรัพย์ | 2024-08-28 16:50:00 | 1550.00 |

คำสั่ง sql

SELECT \* FROM Products ORDER BY Price DESC;

ผลลัพธ์

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| --- | --- | --- | --- | --- |
| [**ProductID**](http://localhost/phpmyadmin/index.php?route=/sql&db=ecommercedb031&table=Products&sql_query=SELECT+%2A+FROM+Products++%0AORDER+BY+%60Products%60.%60ProductID%60+ASC&sql_signature=b248849857e001865103254c342da7d0b468398517abc86b5024ae8137548283&session_max_rows=25&is_browse_distinct=0) | [**ProductName**](http://localhost/phpmyadmin/index.php?route=/sql&db=ecommercedb031&table=Products&sql_query=SELECT+%2A+FROM+Products++%0AORDER+BY+%60Products%60.%60ProductName%60+ASC&sql_signature=5e1accb5de4db5e0a08db5e3fd4403596790719964509092827100181fde64ac&session_max_rows=25&is_browse_distinct=0) | [**CategoryID**](http://localhost/phpmyadmin/index.php?route=/sql&db=ecommercedb031&table=Products&sql_query=SELECT+%2A+FROM+Products++%0AORDER+BY+%60Products%60.%60CategoryID%60+ASC&sql_signature=3d16a84028ae8a8997580dbf2f71c82543566745c9e06b47a214dd937c9547db&session_max_rows=25&is_browse_distinct=0) | [**Price [Descending](http://localhost/phpmyadmin/index.php?route=/sql&db=ecommercedb031&table=Products&sql_query=SELECT+%2A+FROM+Products++%0AORDER+BY+%60Products%60.%60Price%60++ASC&sql_signature=b81f56aa03ba58835d53a9c18027a3081e1cdb2383423047a9ee09d2ceeb1707&session_max_rows=25&is_browse_distinct=0)**](http://localhost/phpmyadmin/index.php?route=/sql&db=ecommercedb031&table=Products&sql_query=SELECT+%2A+FROM+Products++%0AORDER+BY+%60Products%60.%60Price%60++ASC&sql_signature=b81f56aa03ba58835d53a9c18027a3081e1cdb2383423047a9ee09d2ceeb1707&session_max_rows=25&is_browse_distinct=0) | [**Stock**](http://localhost/phpmyadmin/index.php?route=/sql&db=ecommercedb031&table=Products&sql_query=SELECT+%2A+FROM+Products++%0AORDER+BY+%60Products%60.%60Stock%60+ASC&sql_signature=cb4b89e1dc1a93bc50fc6e7528810ab12a3e5feea94e3225adf42e49cbe80d82&session_max_rows=25&is_browse_distinct=0) |
| 4 | นาฬิกาข้อมือ | 3 | 1500.00 | 30 |
| 8 | เสื้อแจ็คเก็ต | 1 | 1200.00 | 35 |
| 5 | รองเท้าผ้าใบ | 4 | 1200.00 | 60 |
| 2 | กางเกงยีนส์ | 1 | 899.00 | 50 |
| 9 | กระเป๋าเป้ | 2 | 850.00 | 25 |
| 6 | แว่นกันแดด | 3 | 750.00 | 40 |
| 15 | เสื้อเชิ้ตแขนยาว | 1 | 650.00 | 40 |
| 13 | เข็มขัดหนัง | 3 | 550.00 | 45 |
| 3 | กระเป๋าสะพายข้าง | 2 | 499.00 | 75 |
| 11 | กางเกงขาสั้น | 1 | 450.00 | 55 |
| 14 | ผ้าพันคอ | 2 | 350.00 | 60 |
| 12 | รองเท้าแตะ | 4 | 300.00 | 90 |
| 1 | เสื้อยืดลายกราฟิก | 1 | 299.00 | 100 |
| 7 | หมวกแก๊ป | 2 | 250.00 | 80 |
| 10 | ถุงเท้า | 4 | 100.00 | 200 |

คำสั่ง SQL

SELECT CategoryID, COUNT(\*) AS NumberOfProducts FROM Products GROUP BY CategoryID;

ผลลัพธ์

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| [**CategoryID**](http://localhost/phpmyadmin/index.php?route=/sql&db=ecommercedb031&table=Products&sql_query=SELECT+CategoryID%2C+COUNT%28%2A%29+AS+NumberOfProducts+FROM+Products+GROUP+BY+CategoryID++%0AORDER+BY+%60Products%60.%60CategoryID%60+ASC&sql_signature=d4e819854eebcf7916d26c53840dcaba4445611b863fc2e101194d7eee04cd85&session_max_rows=25&is_browse_distinct=0) | [**NumberOfProducts**](http://localhost/phpmyadmin/index.php?route=/sql&db=ecommercedb031&table=Products&sql_query=SELECT+CategoryID%2C+COUNT%28%2A%29+AS+NumberOfProducts+FROM+Products+GROUP+BY+CategoryID++%0AORDER+BY+%60NumberOfProducts%60+ASC&sql_signature=14493d77d7cec1a2e9cb52abcefba2d0ade296ffd8d0d8e46d62d1032af8362c&session_max_rows=25&is_browse_distinct=0) |
| 1 | 5 |
| 2 | 4 |
| 3 | 3 |
| 4 | 3 |

คำสั่ง sql

SELECT CategoryID, COUNT(\*) AS NumberOfProducts FROM Products GROUP BY CategoryID

HAVING COUNT(\*) > 4;

ผลลัพธ์

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| --- | --- |
| [**CategoryID**](http://localhost/phpmyadmin/index.php?route=/sql&db=ecommercedb031&table=products&sql_query=SELECT+CategoryID%2C+COUNT%28%2A%29+AS+NumberOfProducts+FROM+products+GROUP+BY+CategoryID%0D%0AHAVING+COUNT%28%2A%29+%3E+2++%0AORDER+BY+%60products%60.%60CategoryID%60+ASC&sql_signature=0bfb566b22e7186a22df7d8d49e2a78107947f434bd89465e4b6649ce5f0c929&session_max_rows=25&is_browse_distinct=0) | [**NumberOfProducts**](http://localhost/phpmyadmin/index.php?route=/sql&db=ecommercedb031&table=products&sql_query=SELECT+CategoryID%2C+COUNT%28%2A%29+AS+NumberOfProducts+FROM+products+GROUP+BY+CategoryID%0D%0AHAVING+COUNT%28%2A%29+%3E+2++%0AORDER+BY+%60NumberOfProducts%60+ASC&sql_signature=60925607a73c1ddbc7d2b1c8d4bdb907e21e27e4c3604f8ebce1cd92785d35f5&session_max_rows=25&is_browse_distinct=0) |
| 1 | 5 |
| 2 | 4 |
| 3 | 3 |
| 4 | 3 |

คำสั่ง sql

SELECT Orders.OrderID, Customers.Name, Orders.OrderDate, Orders.TotalAmount

FROM Orders

JOIN Customers ON Orders.CustomerID = Customers.CustomerID;

ผลลัพธ์

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| --- | --- | --- | --- |
| [**OrderID**](http://localhost/phpmyadmin/index.php?route=/sql&db=ecommercedb031&table=products&sql_query=SELECT+Orders.OrderID%2C+Customers.Name%2C+Orders.OrderDate%2C+Orders.TotalAmount%0D%0AFROM+Orders%0D%0AJOIN+Customers+ON+Orders.CustomerID+%3D+Customers.CustomerID++%0AORDER+BY+%60Orders%60.%60OrderID%60+ASC&sql_signature=12e4326e5f4fef8b784386ffde6a6cf2e8be37b3a10ef05c8cf6e94446f3e143&session_max_rows=25&is_browse_distinct=0) | [**Name**](http://localhost/phpmyadmin/index.php?route=/sql&db=ecommercedb031&table=products&sql_query=SELECT+Orders.OrderID%2C+Customers.Name%2C+Orders.OrderDate%2C+Orders.TotalAmount%0D%0AFROM+Orders%0D%0AJOIN+Customers+ON+Orders.CustomerID+%3D+Customers.CustomerID++%0AORDER+BY+%60Customers%60.%60Name%60+ASC&sql_signature=9e9d9885d5232ebdba92a37410a2b70270f14d6af13ccf285c74d6a544d54211&session_max_rows=25&is_browse_distinct=0) | [**OrderDate**](http://localhost/phpmyadmin/index.php?route=/sql&db=ecommercedb031&table=products&sql_query=SELECT+Orders.OrderID%2C+Customers.Name%2C+Orders.OrderDate%2C+Orders.TotalAmount%0D%0AFROM+Orders%0D%0AJOIN+Customers+ON+Orders.CustomerID+%3D+Customers.CustomerID++%0AORDER+BY+%60Orders%60.%60OrderDate%60+DESC&sql_signature=9337ca995fe5aeaa27d20847f5a34267dfa5b71ea2b5b3682db4a33ab204884b&session_max_rows=25&is_browse_distinct=0) | [**TotalAmount**](http://localhost/phpmyadmin/index.php?route=/sql&db=ecommercedb031&table=products&sql_query=SELECT+Orders.OrderID%2C+Customers.Name%2C+Orders.OrderDate%2C+Orders.TotalAmount%0D%0AFROM+Orders%0D%0AJOIN+Customers+ON+Orders.CustomerID+%3D+Customers.CustomerID++%0AORDER+BY+%60Orders%60.%60TotalAmount%60+ASC&sql_signature=e2737052c3ea723dafced426482ef01b1a968a5c4b5ba5049439edf6723facf3&session_max_rows=25&is_browse_distinct=0) |
| 1 | สมชาย ใจดี | 2024-08-25 10:30:00 | 1899.00 |
| 2 | สมหญิง พูนสุข | 2024-08-26 14:45:00 | 299.00 |
| 3 | กิตติชัย รุ่งเรือง | 2024-08-27 09:15:00 | 2750.00 |
| 4 | สุนิสา จันทร์เพ็ญ | 2024-08-28 11:20:00 | 1000.00 |
| 5 | เอกชัย เจริญทรัพย์ | 2024-08-28 16:50:00 | 1550.00 |

คำสั่ง sql

SELECT Orders.OrderID, Products.ProductName, OrderItems.Quantity, OrderItems.UnitPrice

FROM OrderItems

JOIN Products ON OrderItems.ProductID = Products.ProductID

JOIN Orders ON OrderItems.OrderID = Orders.OrderID;

ผลลัพธ์

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| --- | --- | --- | --- |
| [**OrderID**](http://localhost/phpmyadmin/index.php?route=/sql&db=ecommercedb031&table=products&sql_query=SELECT+Orders.OrderID%2C+Products.ProductName%2C+OrderItems.Quantity%2C+OrderItems.UnitPrice%0D%0AFROM+OrderItems%0D%0AJOIN+Products+ON+OrderItems.ProductID+%3D+Products.ProductID%0D%0AJOIN+Orders+ON+OrderItems.OrderID+%3D+Orders.OrderID++%0AORDER+BY+%60Orders%60.%60OrderID%60+ASC&sql_signature=e581beede13198b8f57a1ebf4737b1320f2007177991b5b8be6f1b223d437cba&session_max_rows=25&is_browse_distinct=0) | [**ProductName**](http://localhost/phpmyadmin/index.php?route=/sql&db=ecommercedb031&table=products&sql_query=SELECT+Orders.OrderID%2C+Products.ProductName%2C+OrderItems.Quantity%2C+OrderItems.UnitPrice%0D%0AFROM+OrderItems%0D%0AJOIN+Products+ON+OrderItems.ProductID+%3D+Products.ProductID%0D%0AJOIN+Orders+ON+OrderItems.OrderID+%3D+Orders.OrderID++%0AORDER+BY+%60Products%60.%60ProductName%60+ASC&sql_signature=c31aec232f1e8db314e11c72f5f0f51868be0622431148314d7243c6f0f3da52&session_max_rows=25&is_browse_distinct=0) | [**Quantity**](http://localhost/phpmyadmin/index.php?route=/sql&db=ecommercedb031&table=products&sql_query=SELECT+Orders.OrderID%2C+Products.ProductName%2C+OrderItems.Quantity%2C+OrderItems.UnitPrice%0D%0AFROM+OrderItems%0D%0AJOIN+Products+ON+OrderItems.ProductID+%3D+Products.ProductID%0D%0AJOIN+Orders+ON+OrderItems.OrderID+%3D+Orders.OrderID++%0AORDER+BY+%60OrderItems%60.%60Quantity%60+ASC&sql_signature=69690ba2e62d6b2e793b2270e874129c2dff894884002a4aa22559a66acfbd6b&session_max_rows=25&is_browse_distinct=0) | [**UnitPrice**](http://localhost/phpmyadmin/index.php?route=/sql&db=ecommercedb031&table=products&sql_query=SELECT+Orders.OrderID%2C+Products.ProductName%2C+OrderItems.Quantity%2C+OrderItems.UnitPrice%0D%0AFROM+OrderItems%0D%0AJOIN+Products+ON+OrderItems.ProductID+%3D+Products.ProductID%0D%0AJOIN+Orders+ON+OrderItems.OrderID+%3D+Orders.OrderID++%0AORDER+BY+%60OrderItems%60.%60UnitPrice%60+ASC&sql_signature=cf22bdab9127be25b77987a1b6cd65bb6231b4f8a0571eae0af96012f3cdb1a7&session_max_rows=25&is_browse_distinct=0) |
| 1 | เสื้อยืดลายกราฟิก | 2 | 299.00 |
| 1 | กางเกงยีนส์ | 1 | 899.00 |
| 1 | กระเป๋าสะพายข้าง | 1 | 499.00 |
| 2 | เสื้อยืดลายกราฟิก | 1 | 299.00 |
| 3 | นาฬิกาข้อมือ | 1 | 1500.00 |
| 3 | รองเท้าผ้าใบ | 1 | 1200.00 |
| 3 | แว่นกันแดด | 1 | 750.00 |
| 4 | หมวกแก๊ป | 4 | 250.00 |
| 5 | เสื้อแจ็คเก็ต | 1 | 1200.00 |
| 5 | กระเป๋าเป้ | 1 | 850.00 |

คำสั่ง sql

SELECT Customers.Name, COUNT(Orders.OrderID) AS NumberOfOrders

FROM Customers

JOIN Orders ON Customers.CustomerID = Orders.CustomerID

GROUP BY Customers.Name;

ผลลัพธ์

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| [**Name**](http://localhost/phpmyadmin/index.php?route=/sql&db=ecommercedb031&table=Customers&sql_query=SELECT+Customers.Name%2C+COUNT%28Orders.OrderID%29+AS+NumberOfOrders%0D%0AFROM+Customers%0D%0AJOIN+Orders+ON+Customers.CustomerID+%3D+Orders.CustomerID%0D%0AGROUP+BY+Customers.Name++%0AORDER+BY+%60Customers%60.%60Name%60+ASC&sql_signature=0afeea364920427e9db4cdddc0cb0a16e64c55cf80d77ee457640bb9c99cb4af&session_max_rows=25&is_browse_distinct=0) | [**NumberOfOrders**](http://localhost/phpmyadmin/index.php?route=/sql&db=ecommercedb031&table=Customers&sql_query=SELECT+Customers.Name%2C+COUNT%28Orders.OrderID%29+AS+NumberOfOrders%0D%0AFROM+Customers%0D%0AJOIN+Orders+ON+Customers.CustomerID+%3D+Orders.CustomerID%0D%0AGROUP+BY+Customers.Name++%0AORDER+BY+%60NumberOfOrders%60+ASC&sql_signature=a07565c35cf8d146aedd148f01b474fa4de057377b76d6d03e1a0e25d550b618&session_max_rows=25&is_browse_distinct=0) |
| กิตติชัย รุ่งเรือง | 1 |
| สมชาย ใจดี | 1 |
| สมหญิง พูนสุข | 1 |
| สุนิสา จันทร์เพ็ญ | 1 |
| เอกชัย เจริญทรัพย์ | 1 |

คำสั่ง sql

SELECT Products.ProductName, SUM(OrderItems.Quantity \* OrderItems.UnitPrice) AS TotalSales

FROM OrderItems

JOIN Products ON OrderItems.ProductID = Products.ProductID

GROUP BY Products.ProductName

ORDER BY TotalSales DESC;

ผลลัพธ์

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| [**ProductName**](http://localhost/phpmyadmin/index.php?route=/sql&db=ecommercedb031&table=Products&sql_query=SELECT+Products.ProductName%2C+SUM%28OrderItems.Quantity+%2A+OrderItems.UnitPrice%29+AS+TotalSales%0D%0AFROM+OrderItems%0D%0AJOIN+Products+ON+OrderItems.ProductID+%3D+Products.ProductID%0D%0AGROUP+BY+Products.ProductName++%0AORDER+BY+%60Products%60.%60ProductName%60+ASC&sql_signature=352dad76dcbe65f30435ddb9e2c5e212707aa747d530700258e6b32dc7e19e5c&session_max_rows=25&is_browse_distinct=0) | [**TotalSales [Descending](http://localhost/phpmyadmin/index.php?route=/sql&db=ecommercedb031&table=Products&sql_query=SELECT+Products.ProductName%2C+SUM%28OrderItems.Quantity+%2A+OrderItems.UnitPrice%29+AS+TotalSales%0D%0AFROM+OrderItems%0D%0AJOIN+Products+ON+OrderItems.ProductID+%3D+Products.ProductID%0D%0AGROUP+BY+Products.ProductName++%0AORDER+BY+%60TotalSales%60++ASC&sql_signature=5915f3ef9ad45fa38c4aee81a5b6f6d06bdde06cfd0093f8dffd1c0c1acf039a&session_max_rows=25&is_browse_distinct=0)**1](http://localhost/phpmyadmin/index.php?route=/sql&db=ecommercedb031&table=Products&sql_query=SELECT+Products.ProductName%2C+SUM%28OrderItems.Quantity+%2A+OrderItems.UnitPrice%29+AS+TotalSales%0D%0AFROM+OrderItems%0D%0AJOIN+Products+ON+OrderItems.ProductID+%3D+Products.ProductID%0D%0AGROUP+BY+Products.ProductName++%0AORDER+BY+%60TotalSales%60++ASC&sql_signature=5915f3ef9ad45fa38c4aee81a5b6f6d06bdde06cfd0093f8dffd1c0c1acf039a&session_max_rows=25&is_browse_distinct=0) |
| นาฬิกาข้อมือ | 1500.00 |
| เสื้อแจ็คเก็ต | 1200.00 |
| รองเท้าผ้าใบ | 1200.00 |
| หมวกแก๊ป | 1000.00 |
| กางเกงยีนส์ | 899.00 |
| เสื้อยืดลายกราฟิก | 897.00 |
| กระเป๋าเป้ | 850.00 |
| แว่นกันแดด | 750.00 |
| กระเป๋าสะพายข้าง | 499.00 |

คำสั่ง sql

SELECT OrderID, TotalAmount

FROM Orders

WHERE TotalAmount = (SELECT MAX(TotalAmount) FROM Orders);

ผลลัพธ์

|  |  |
| --- | --- |
| **OrderID** | **TotalAmount** |
| 3 | 2750.00 |

คำสั่ง sql

SELECT ProductName

FROM Products

WHERE ProductID IN (

SELECT ProductID

FROM OrderItems

GROUP BY ProductID

HAVING SUM(Quantity \* UnitPrice) > 500);

ผลลัพธ์

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| [**ProductName**](http://localhost/phpmyadmin/index.php?route=/sql&db=ecommercedb031&table=Products&sql_query=SELECT+ProductName%0D%0AFROM+Products%0D%0AWHERE+ProductID+IN+%28%0D%0ASELECT+ProductID%0D%0AFROM+OrderItems%0D%0AGROUP+BY+ProductID%0D%0AHAVING+SUM%28Quantity+%2A+UnitPrice%29+%3E+500%29++%0AORDER+BY+%60Products%60.%60ProductName%60+ASC&sql_signature=2400f8019cfd8c19cb8bd7c34e5f0bfc5953e8b214c899d20d8c429ba69ed9ff&session_max_rows=25&is_browse_distinct=0) |
| เสื้อยืดลายกราฟิก |
| กางเกงยีนส์ |
| นาฬิกาข้อมือ |
| รองเท้าผ้าใบ |
| แว่นกันแดด |
| หมวกแก๊ป |
| เสื้อแจ็คเก็ต |
| กระเป๋าเป้ |

คำสั่ง sql

SELECT OrderID, TotalAmount, OrderDate

FROM Orders

WHERE TotalAmount BETWEEN 1000 AND 5000

AND OrderDate > '2024-01-01';

ผลลัพธ์

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| [**OrderID**](http://localhost/phpmyadmin/index.php?route=/sql&db=ecommercedb031&table=Orders&sql_query=SELECT+OrderID%2C+TotalAmount%2C+OrderDate%0D%0AFROM+Orders%0D%0AWHERE+TotalAmount+BETWEEN+1000+AND+5000%0D%0AAND+OrderDate+%3E+%272024-01-01%27++%0AORDER+BY+%60Orders%60.%60OrderID%60+ASC&sql_signature=6d89dc2d51e7d60348b7dea0431886f565e71ae956012e981c97e19a7f183c70&session_max_rows=25&is_browse_distinct=0) | [**TotalAmount**](http://localhost/phpmyadmin/index.php?route=/sql&db=ecommercedb031&table=Orders&sql_query=SELECT+OrderID%2C+TotalAmount%2C+OrderDate%0D%0AFROM+Orders%0D%0AWHERE+TotalAmount+BETWEEN+1000+AND+5000%0D%0AAND+OrderDate+%3E+%272024-01-01%27++%0AORDER+BY+%60Orders%60.%60TotalAmount%60+ASC&sql_signature=5e3cf5c43a9f29375da065ef942f5435e53cc1402c57b22fa0163e500c994306&session_max_rows=25&is_browse_distinct=0) | [**OrderDate**](http://localhost/phpmyadmin/index.php?route=/sql&db=ecommercedb031&table=Orders&sql_query=SELECT+OrderID%2C+TotalAmount%2C+OrderDate%0D%0AFROM+Orders%0D%0AWHERE+TotalAmount+BETWEEN+1000+AND+5000%0D%0AAND+OrderDate+%3E+%272024-01-01%27++%0AORDER+BY+%60Orders%60.%60OrderDate%60+DESC&sql_signature=da70be9ca9a6b484b0e78c797c2630a2ed928ac8ecf6097e9b136c63923df0f3&session_max_rows=25&is_browse_distinct=0) |
| 1 | 1899.00 | 2024-08-25 10:30:00 |
| 3 | 2750.00 | 2024-08-27 09:15:00 |
| 4 | 1000.00 | 2024-08-28 11:20:00 |
| 5 | 1550.00 | 2024-08-28 16:50:00 |

คำสั่ง sql

SELECT Customers.Name, Orders.OrderID, Payments.PaymentMethod

FROM Customers

JOIN Orders ON Customers.CustomerID = Orders.CustomerID

JOIN Payments ON Orders.OrderID = Payments.OrderID

WHERE Payments.PaymentMethod = 'Credit Card';

ผลลัพธ์

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| [**Name**](http://localhost/phpmyadmin/index.php?route=/sql&db=ecommercedb031&table=products&sql_query=SELECT+Customers.Name%2C+Orders.OrderID%2C+Payments.PaymentMethod%0D%0AFROM+Customers%0D%0AJOIN+Orders+ON+Customers.CustomerID+%3D+Orders.CustomerID%0D%0AJOIN+Payments+ON+Orders.OrderID+%3D+Payments.OrderID%0D%0AWHERE+Payments.PaymentMethod+%3D+%27Credit+Card%27++%0AORDER+BY+%60Customers%60.%60Name%60+ASC&sql_signature=c443d90eca32a4225093399b6f8507359f2daae842ec416130e93426bf4937df&session_max_rows=25&is_browse_distinct=0) | [**OrderID**](http://localhost/phpmyadmin/index.php?route=/sql&db=ecommercedb031&table=products&sql_query=SELECT+Customers.Name%2C+Orders.OrderID%2C+Payments.PaymentMethod%0D%0AFROM+Customers%0D%0AJOIN+Orders+ON+Customers.CustomerID+%3D+Orders.CustomerID%0D%0AJOIN+Payments+ON+Orders.OrderID+%3D+Payments.OrderID%0D%0AWHERE+Payments.PaymentMethod+%3D+%27Credit+Card%27++%0AORDER+BY+%60Orders%60.%60OrderID%60+ASC&sql_signature=cd563902f1db1ab87c50a2015d27c15ef5a05483a3645b87a9f1376e0b285844&session_max_rows=25&is_browse_distinct=0) | [**PaymentMethod**](http://localhost/phpmyadmin/index.php?route=/sql&db=ecommercedb031&table=products&sql_query=SELECT+Customers.Name%2C+Orders.OrderID%2C+Payments.PaymentMethod%0D%0AFROM+Customers%0D%0AJOIN+Orders+ON+Customers.CustomerID+%3D+Orders.CustomerID%0D%0AJOIN+Payments+ON+Orders.OrderID+%3D+Payments.OrderID%0D%0AWHERE+Payments.PaymentMethod+%3D+%27Credit+Card%27++%0AORDER+BY+%60Payments%60.%60PaymentMethod%60+ASC&sql_signature=47d6add6e4210e9494d28031cb61d866b860e0e029d7e4377904707a3dc5f316&session_max_rows=25&is_browse_distinct=0) |
| สมชาย ใจดี | 1 | Credit Card |
| กิตติชัย รุ่งเรือง | 3 | Credit Card |
| เอกชัย เจริญทรัพย์ | 5 | Credit Card |

คำสั่ง sql

SELECT SUM(TotalAmount) AS TotalSales

FROM Orders;

ผลลัพธ์

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| --- |
| **TotalSales** |
| 7498.00 |

คำสั่ง sql

SELECT Customers.Name, AVG(Orders.TotalAmount) AS AverageOrderAmount

FROM Customers

JOIN Orders ON Customers.CustomerID = Orders.CustomerID

GROUP BY Customers.Name;

ผลลัพธ์

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| --- | --- |
| [**Name**](http://localhost/phpmyadmin/index.php?route=/sql&db=ecommercedb031&table=Customers&sql_query=SELECT+Customers.Name%2C+AVG%28Orders.TotalAmount%29+AS+AverageOrderAmount%0D%0AFROM+Customers%0D%0AJOIN+Orders+ON+Customers.CustomerID+%3D+Orders.CustomerID%0D%0AGROUP+BY+Customers.Name++%0AORDER+BY+%60Customers%60.%60Name%60+ASC&sql_signature=3a762b9be04b4300a742d701e1760962993c0a59e8078739d818ccdba75cfebc&session_max_rows=25&is_browse_distinct=0) | [**AverageOrderAmount**](http://localhost/phpmyadmin/index.php?route=/sql&db=ecommercedb031&table=Customers&sql_query=SELECT+Customers.Name%2C+AVG%28Orders.TotalAmount%29+AS+AverageOrderAmount%0D%0AFROM+Customers%0D%0AJOIN+Orders+ON+Customers.CustomerID+%3D+Orders.CustomerID%0D%0AGROUP+BY+Customers.Name++%0AORDER+BY+%60AverageOrderAmount%60+ASC&sql_signature=486f2cae28b68328df695005a521545c0aa6a97aa00a1680f6f28cf1fcad7915&session_max_rows=25&is_browse_distinct=0) |
| กิตติชัย รุ่งเรือง | 2750.000000 |
| สมชาย ใจดี | 1899.000000 |
| สมหญิง พูนสุข | 299.000000 |
| สุนิสา จันทร์เพ็ญ | 1000.000000 |
| เอกชัย เจริญทรัพย์ | 1550.000000 |