

```
--Comment
/*
This is a table created by Adila
*/
```

---

```
SELECT
FirstName AS [CUSTOMER FIRST NAME],
LastName [CUSTOMER LAST NAME],
Company,
City,
Phone
FROM Customer
ORDER BY
FirstName ASC,
LastName DESC
LIMIT 10
```

---

```
--%
```

```
SELECT
InvoiceDate,
BillingAddress,
BillingCity,
total
FROM Invoice
WHERE
DATE(InvoiceDate)>'2010-05-22'
and total < 3.00
ORDER BY
InvoiceDate
```

---

```
--%
```

```
SELECT
InvoiceDate,
BillingAddress,
BillingCity,
total
FROM Invoice
WHERE
BillingCity LIKE 'P%' OR BillingCity LIKE 'D%'
ORDER BY
InvoiceDate
```

---

```
SELECT
InvoiceDate,
BillingAddress,
BillingCity,
total
FROM Invoice
WHERE
total >1.98 AND (BillingCity LIKE 'P%' OR BillingCity LIKE 'D%')
ORDER BY
InvoiceDate
```

---

```
SELECT
```

```
InvoiceDate,  
BillingAddress,  
BillingCity,  
total,  
CASE  
WHEN total < 2.00 THEN 'BASELINE PURCHASE'  
WHEN total BETWEEN 2.00 and 6.99 THEN 'LOW PURCHASE'  
WHEN total BETWEEN 7.00 and 15.00 THEN 'TARGET PURCHASE'  
ELSE 'TOP PERFORMER'  
END AS PurchaseType  
FROM Invoice  
ORDER BY  
InvoiceDate
```

---

```
SELECT  
InvoiceDate,  
BillingAddress,  
BillingCity,  
total,  
CASE  
WHEN total < 2.00 THEN 'BASELINE PURCHASE'  
WHEN total BETWEEN 2.00 and 6.99 THEN 'LOW PURCHASE'  
WHEN total BETWEEN 7.00 and 15.00 THEN 'TARGET PURCHASE'  
ELSE 'TOP PERFORMER'  
END AS PurchaseType  
FROM Invoice  
WHERE  
PurchaseType = 'TOP PERFORMER'  
ORDER BY  
InvoiceDate
```

---

```
SELECT  
c.LastName,  
c.FirstName,  
i.InvoiceId,  
i.CustomerId,  
i.InvoiceDate,  
i.total  
FROM  
Invoice AS i  
INNER JOIN  
Customer AS c  
ON  
i.CustomerId=c.CustomerId  
ORDER BY c.CustomerId
```

---

```
--%  
/*efrgtyu *returns all the fields  
*/
```

```
SELECT  
e.FirstName,  
e.LastName,  
e.EmployeeId,  
c.FirstName,  
c.LastName,  
c.SupportRepId,  
i.CustomerId,
```

```
i.total
FROM
Invoice AS i
INNER JOIN
Customer AS c
ON
i.CustomerId=c.CustomerId
INNER JOIN
Employee AS e
ON
c.SupportRepId=e.EmployeeId
ORDER BY
i.total DESC
LIMIT 10
```

---

```
SELECT
FirstName,
LastName,
Address,
FirstName || ' ' || LastName AS FullName,
LENGTH(postalcode),
substr(postalcode,1,5),
upper(firstname) AS FirstNameCaps,
lower(lastname) AS LastNameLower
FROM
Customer
WHERE
Country = 'USA';
```

---

```
SELECT
FirstName,
LastName,
Birthdate,
strftime('%Y-%m-%d',BirthDate) AS BirthdateNoTimeCode,
strftime('%Y-%m-%d','now')-strftime('%Y-%m-%d',BirthDate) AS AGE
FROM
Employee
AGE
```

---

```
SELECT
BillingCity,
round(AVG(Total),2)
FROM
Invoice
WHERE
BillingCity LIKE 'L%'
GROUP BY
BillingCity
Order BY
BillingCity ASC
```

---

```
SELECT
BillingCity,
round(AVG(Total),2)
FROM
Invoice
WHERE
BillingCity LIKE 'b%'
```

```
GROUP BY
BillingCity
HAVING
round(AVG(Total),2)>5
Order BY
BillingCity ASC
```

---

```
SELECT
InvoiceDate,
BillingAddress,
BillingCity,
total

FROM
Invoice
WHERE
total <
(select AVG(Total) from Invoice)

Order BY
total DESC
```

---

```
SELECT
BillingCity,
AVG(Total),
(select avg(total) from Invoice)

FROM
Invoice
GROUP BY
BillingCity
Order BY
BillingCity
```

---

```
SELECT
InvoiceDate,
BillingAddress,
BillingCity
FROM
Invoice
WHERE
InvoiceDate >
(SELECT
InvoiceDate
From
Invoice
WHERE
InvoiceId=251)
```

---

```
SELECT
InvoiceDate,
BillingAddress,
BillingCity
FROM
Invoice
WHERE
InvoiceDate IN
```

```
(SELECT  
InvoiceDate  
From  
Invoice  
WHERE  
InvoiceId IN (251,252,254))
```

---

```
SELECT  
DISTINCT  
TrackId  
FROM  
InvoiceLine  
Order by  
TrackId
```

---

```
SELECT  
TrackId,  
Composer,  
Name  
FROM  
Track  
WHERE  
TrackId  
NOT IN
```

```
(SELECT  
DISTINCT  
TrackId  
FROM  
InvoiceLine  
Order by  
TrackId)
```

---

```
CREATE VIEW V_AVGTOTAL AS
```

```
SELECT  
round(avg(total),2) AS AVGTOTAL  
FROM  
Invoice
```

---

```
DML STATEMENTS  
INSERT INTO  
Artist (Name)  
VALUES ('BYE BYE')
```