

18.

```
SELECT *  
FROM orders NATURAL JOIN orderdetails  
WHERE ordernumber = 10270 OR ordernumber = 10272 OR ordernumber = 10279;
```

19.

```
SELECT DISTINCT productline, productvendor, textdescription  
FROM ProductLines NATURAL JOIN Products  
ORDER BY productline, productvendor;
```

20.

```
SELECT *  
FROM customers INNER JOIN offices ON customers.state = offices.state  
ORDER BY customername;
```

21.

```
SELECT DISTINCT customername  
FROM Customers INNER JOIN (employees INNER JOIN offices ON employees.officecode =  
offices.officecode)  
ON Customers.state = offices.state;
```

22.

```
SELECT customername, orderdate, quantityordered, productline, productname  
FROM products as p  
inner join orderdetails o on p.productcode = o.productcode  
inner join orders o2 on o.ordernumber = o2.ordernumber  
inner join customers c on o2.customernumber = c.customernumber  
  
WHERE customername LIKE '%Decorations%' AND EXTRACT(YEAR FROM orderdate) = 2015 AND  
(EXTRACT(MONTH FROM orderdate) = 01  
OR EXTRACT(MONTH FROM orderdate) = 03 or EXTRACT(MONTH FROM orderdate) = 05 or  
EXTRACT(MONTH FROM orderdate) = 07 or EXTRACT(MONTH FROM orderdate) = 09 or  
EXTRACT(MONTH FROM orderdate) = 11)  
ORDER BY customername, orderdate;
```

23.

```
SELECT *  
FROM products LEFT OUTER JOIN orderdetails o on products.productcode = o.productcode  
WHERE ordernumber IS NULL;
```

24.

```
SELECT customername,salesrepemployeenumber  
FROM customers LEFT OUTER JOIN employees e on customers.salesrepemployeenumber =  
e.employeenumber  
ORDER BY customername;
```