

/* query 1 */

```
SELECT CompanyName,Country FROM hw_3_sql_northwinds.hwsuppliers  
where Country ='Japan' or Country='Germany';
```

/* query 2 */

```
SELECT ProductName,QuantityPerUnit,UnitPrice FROM hw_3_sql_northwinds.hwproducts  
where UnitPrice>4 and UnitPrice <7;
```

/* query 3 */

```
SELECT CompanyName,ContactTitle,City FROM hw_3_sql_northwinds.hwcustomers  
where (Country='USA' and City='Portland') or (Country='Canada' and City='Vancouver');
```

/* query 4 */

```
SELECT ContactName,ContactTitle FROM hw_3_sql_northwinds.hwsuppliers  
where SupplierID>4 and SupplierID<9 order by ContactName desc;
```

/* query 5 */

```
SELECT ProductName,UnitPrice FROM hw_3_sql_northwinds.hwproducts  
where UnitPrice= (select min(UnitPrice) from hwproducts );
```

/* query 6 */

```
SELECT ShipCountry,count(*) as 'NUmber of Orders' FROM hw_3_sql_northwinds.hworders  
where ShipCountry <>'USA' and ShippedDate between '2015-05-04 00:00:00' and '2015-05-05 00:00:00'  
group by ShipCountry;
```

/* query 7 */

```
SELECT FirstName,LastName , DATE_FORMAT( HireDate , '%d/%m/%Y') as 'Hire Date' FROM  
hw_3_sql_northwinds.hwemployees  
where Country <>'USA' and hiredate < '2015-03-17';
```

/* query 8 */

```
SELECT ProductName,UnitsInStock*UnitPrice as 'Inventory Value' FROM  
hw_3_sql_northwinds.hwproducts
```

```
where UnitsInStock>3000 and UnitsInStock<4000;
```

```
/* query 9 */
```

```
SELECT ProductName,UnitsInStock,ReorderLevel FROM hw_3_sql_northwinds.hwproducts
```

```
where ProductName like 'S%' and UnitsInStock>0 and UnitsInStock <= reorderLevel;
```

```
/* query 10 */
```

```
SELECT ProductName,UnitPrice FROM hw_3_sql_northwinds.hwproducts
```

```
where QuantityPerUnit like '%box%' and Discontinued=1;
```

```
/* query 11 */
```

```
SELECT ProductName,UnitsInStock*UnitPrice as 'Inventory Value' FROM  
hw_3_sql_northwinds.hwproducts p
```

```
inner join hwsuppliers s on s.SupplierID= p.SupplierID
```

```
where QuantityPerUnit like '%box%' and s.Country='Japan';
```

```
/* query 12 */
```

```
SELECT Country,count(*) as 'customerCount' FROM hw_3_sql_northwinds.hwcustomers
```

```
group by Country
```

```
having count(*)>8;
```

```
/* query 13 */
```

```
SELECT ShipCountry, ShipCity,count(ShipCountry) FROM hw_3_sql_northwinds.hworders
```

```
where ShipCountry in ('Austria' , 'Argentina')
```

group by ShipCountry;

/* query 14 */

```
SELECT s.CompanyName,p.ProductName FROM hw_3_sql_northwinds.hwsuppliers s
inner join hwproducts p on s.SupplierID= p.SupplierID
where s.Country='Spain';
```

/* query 15 */

```
SELECT avg( UnitPrice) FROM hw_3_sql_northwinds.hwproducts
where ProductName like '%T';
```

/* query 16 */

```
SELECT e.FirstName + ' ' + e.LastName as 'FullName',e.Title,count(o.OrderID) FROM
hw_3_sql_northwinds.hworders o
inner join hwemployees e on o.EmployeeID= e.EmployeeID
group by e.FirstName + ' ' + e.LastName ,e.Title
having count(o.OrderID)>120;
```

/* query 17 */

```
SELECT c.CompanyName,c.Country,count(o.OrderID) FROM hw_3_sql_northwinds.hwcustomers c
left outer join hworders o on c.CustomerID= o.CustomerID
group by c.CompanyName,c.Country
having count(o.OrderID) =0;
```

/* query 18 */

```
SELECT c.CategoryName,p.ProductName,p.UnitsInStock FROM hw_3_sql_northwinds.hwproducts p
inner join hwcategories c on p.CategoryID= c.CategoryID
where p.UnitsInStock=0;
```

```
/* query 19 */
```

```
SELECT p.ProductName,p.QuantityPerUnit FROM hw_3_sql_northwinds.hwproducts p
inner join hwsuppliers s on p.SupplierID= s.SupplierID
where (QuantityPerUnit like '%pkg%'or QuantityPerUnit like '%pkgs%' or QuantityPerUnit like '%jars%')
and s.Country='Japan';
```

```
/* query 20 */
```

```
SELECT c.CompanyName,o.ShipName, cast(sum( (od.Quantity * od.UnitPrice)-od.Discount) as
decimal(18,2)) FROM hw_3_sql_northwinds.hwcustomers c
inner join hworders o on c.CustomerID = o.CustomerID
inner join hworderdetails od on o.OrderID =od.OrderID
where c.Country='Mexico'
group by c.CompanyName,o.ShipName;
```

```
/* query 21 */
```

```
SELECT p.ProductName,s.CompanyName ,s.Region FROM hw_3_sql_northwinds.hwproducts p
inner join hwsuppliers s on p.SupplierID = s.SupplierID
where p.ProductName like 'L%' and Region<>'';
```

```
/* query 22 */
```

```
SELECT ShipCountry,ShipName,DATE_FORMAT( ShippedDate , "%M %Y") as 'ShippedDate' FROM
hworders
where CustomerID not in (select CustomerID from hwcustomers) and ShipCity='Versailles';
```

```
/* query 23 */
```

```
SET @row_number = 0;
```

```
SELECT p.ProductName,UnitsInStock,(@row_number:=@row_number + 1) AS 'RANK' FROM  
hw_3_sql_northwinds.hwproducts p
```

```
where p.ProductName like 'F%'
```

```
order by UnitsInStock desc;
```

```
/* query 24 */
```

```
SET @row_number = 0;
```

```
SELECT p.ProductName,UnitPrice,(@row_number:=@row_number + 1) AS 'RANK' FROM  
hw_3_sql_northwinds.hwproducts p
```

```
where p.ProductID <6
```

```
order by UnitPrice ;
```

```
/* query 25 */
```

```
SELECT FirstName,LastName,DATE_FORMAT( birthdate , '%m/%d/%Y') as 'Date Of Birth',  
@row_number :=
```

```
CASE WHEN @Country=Country THEN @row_number+1 ELSE 1 END AS  
'row_number',@Country:=Country as 'Country'
```

```
FROM hwemployees ,(SELECT @row_number:=0,@Country:='') AS t
```

```
where BirthDate>'1984-01-01'
```

```
ORDER BY Country,BirthDate;
```

