

# Lab 04 Tasks

Muhammad Hamza 2021-CS-178

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1. List name of all the products whose price is above average:

```
SELECT Products.ProductName
From Products
where
Products.UnitPrice > (Select AVG(Products.UnitPrice) from Products);
```

2. Write a query to generate report showing date wise orders shipped:

```
SELECT
    OrderDate,
    COUNT(OrderID) AS Number_of_Orders_Shipped
FROM Orders
GROUP BY OrderDate
```

3. List name of all countries from where two or more suppliers belong to:

```
Select Country from Suppliers
Group BY Country
Having count(*) >=2;
```

4. Write a query to generate report showing month wise orders delayed shipped:

```
Select MONTH(ShippedDate)
AS Month,
DateDiff(day,RequiredDate,ShippedDate) AS OrderDelayed
FROM Orders
Where RequiredDate < ShippedDate;
```

5. Report all the orders which have been discounted:

```
Select OrderID , Discount From
[Order Details]
where Discount > 0;
```

6. Write a query to list the number of orders which were shipped in the cities of USA in 1997:

```
Select ShipCountry
AS Country, Count(DateDiff(day,RequiredDate,
ShippedDate)) AS OrderDelayed
FROM Orders
Where RequiredDate < ShippedDate
GROUP BY ShipCountry;
```

7. Write a query to generate report showing country wise orders delayed shipped:

```
SELECT
    ShipCountry,
    COUNT(OrderID) AS Number_of_Orders_Delayed
FROM Orders
WHERE ShippedDate > RequiredDate
GROUP BY ShipCountry
```

8. Report all the orders which have been discounted with total price of order:

```
Select OrderID,UnitPrice,Discount From [Order Details]
Where Discount > 0;
```

9. Write a query to list the number of orders which were shipped in the cities of each region in 1997:

```
SELECT
    Region,
    ShipCity,
    COUNT(OrderID) AS Number_of_Orders
FROM Orders
WHERE YEAR(ShippedDate) = 1997
GROUP BY Region, ShipCity
```