

Assignment - 1

1. Write a query to get a Product list (id, name, unit price) where current products cost less than \$20.

Query :

```
select productid, productname, UnitPrice
from Products
where UnitPrice<20;
```

	productid	productname	UnitPrice
1	3	itachi	15
2	7	mikasa	5
3	8	obito	15
4	10	levi	15

2. Write a query to get Product list (id, name, unit price) where products cost between \$15 and \$25

Query :

```
select productid, productname, UnitPrice
from Products
where UnitPrice
BETWEEN 15 AND 25;
```

	productid	productname	UnitPrice
1	3	itachi	15
2	4	kakashi	20
3	6	eren	20
4	8	obito	15
5	10	levi	15

3. Write a query to get Product list (name, unit price) of above average price.

Query :

```
select productname, UnitPrice
from Products
where UnitPrice > (SELECT AVG(UnitPrice) FROM Products);
```

	productname	UnitPrice
1	naruto	50
2	sasuke	40
3	light	40
4	gojo	30

4. Write a query to get Product list (name, unit price) of ten most expensive products

Query :

```
SELECT top 10 ProductName, unitprice
FROM Products
ORDER BY UnitPrice DESC;
```

	ProductName	unitprice
1	naruto	50
2	sasuke	40
3	light	40
4	gojo	30
5	eren	20
6	kakashi	20
7	itachi	15
8	levi	15
9	obito	15
10	mikasa	5

5. Write a query to count current and discontinued products

Query :

```
SELECT Count(ProductName) as countofproducts
FROM Products
GROUP BY Discontinued;
```

	countofproducts
1	10

6. Write a query to get Product list (name, units on order , units in stock) of stock is less than the quantity on order

Query:

```
select productname, UnitsInStock, UnitsOnOrder  
from Products  
where UnitsInStock < UnitsOnOrder;
```

Results		Messages	
	productname	UnitsInStock	UnitsOnOrder
1	light	250	500
2	eren	500	750
3	obito	250	500
4	gojo	500	720