1. SELECT CAST(14.85 AS int) as Number;  
 SELECT CONVERT(VARCHAR(19),GETDATE()) as DT  
 SELECT CAST ('10' as int) \* 20,  
 SELECT CONVERT (int, '10') \* 20

2. SELECT Customer\_Id,Product\_Id,SalesPerson\_Id,Quantity,CONVERT(varchar,SalesOrder.Orde r\_Date,101)as DATE,Order\_Status,Amount\_Paid,Order\_Id from SalesOrder

3. select SalesPerson\_Id,SalesPerson\_Age,"Age Group"=  
 CASE WHEN SalesPerson\_Age <20 THEN '<20'  
 WHEN SalesPerson\_Age BETWEEN 20 AND 30 THEN '20-30'  
 WHEN SalesPerson\_Age BETWEEN 30 AND 40 THEN '>40'  
 END,  
 SalesPerson\_Name  
 from SalePerson

4. select Customer.Customer\_First\_Name,Customer.Customer\_Last\_Name,Customer.Customer\_Id, SalesOrder.Order\_Id,SalesOrder.Order\_Date,SalesOrder.Amount\_Paid,SalesOrder.Or der\_Status from Customer INNER JOIN SalesOrder ON Customer.Customer\_Id=SalesOrder.Customer\_Id

5. select @@version as version,CURRENT\_USER as Name

6. SELECT \*,(ISNULL(Order\_Date,'')) FROM SalesOrder

7. select Customer.Customer\_First\_Name,Customer.Customer\_Last\_Name,Customer.Customer\_Id, SalesOrder.SalesPerson\_Id,SalesOrder.Quantity,SalesOrder.Order\_Date,SalesOrder .Order\_Status,SalesOrder.Amount\_Paid,SalePerson.SalesPerson\_Salary from Customer INNER JOIN SalesOrder ON Customer.Customer\_Id=SalesOrder.Customer\_Id INNER JOIN SalePerson ON SalePerson.SalesPerson\_Id=SalesOrder.SalesPerson\_Id

8. select Customer.Customer\_First\_Name, count(\*) as count from SalesOrder INNER JOIN Customer ON SalesOrder.Customer\_Id=Customer.Customer\_Id group by Customer\_First\_Name

9. SELECT SalesPerson\_Id,SalesPerson\_Salary,rank() over (ORDER BY SalesPerson\_Salary DESC) AS Ranking FROM SalePerson

SELECT SalesPerson\_Id,SalesPerson\_Salary,DENSE\_RANK() over (ORDER BY SalesPerson\_Salary DESC) AS Ranking FROM SalePerson

10. SELECT REPLACE(Customer\_First\_Name,'Har','SHA') from Customer

11. SELECT Customer\_First\_Name, SUBSTRING('RS', 1, 10) AS Name FROM Customer WHERE Customer\_Id=1

12. SELECT Customer\_First\_Name, SUBSTRING('AR', 1, 10) AS Name FROM Customer WHERE Customer\_Id=1

13. SELECT Customer\_First\_Name, SUBSTRING('SH', 1, 10) AS Name FROM Customer WHERE Customer\_Id=1

14. SELECT Order\_ID,Order\_Status,Order\_Date,LEAD(Order\_Date,1) OVER (ORDER BY Order\_Date) AS Da FROM SalesOrder

15. SELECT Order\_ID,Order\_Status,Order\_Date,LAG(Order\_Date,1) OVER (ORDER BY Order\_Date) AS Da FROM SalesOrder

16. select Customer.Customer\_Id, Customer.Customer\_First\_Name, SalePerson.Customer\_Id,GROUP\_CONCAT(DISTINCT SalePerson.SalesPerson\_Name) from Customer INNER JOIN SalePerson ON Customer.Customer\_Id = SalePerson.Customer\_Id group by Customer.Customer\_Id, Customer.Customer\_First\_Name,SalePerson.Customer\_Id