--1

select orderid,orderdate,custid,empid from Sales.Orders where orderdate like '2015-06%';

--2

select orderid,sum(unitprice\*qty) as totalvalue from Sales.OrderDetails group by orderid having sum(unitprice\*qty) > '10000' order by totalvalue DESC;

--3

select top(3) shipcountry,avg(freight) as avgfreight from Sales.Orders where orderdate like '2015%' group by shipcountry order by avg(freight) DESC;

--4

select empid, firstname, lastname from HR.Employees where empid not in (select empid from Sales.Orders where orderdate >= '2016-05-01');

select \* from HR.Employees;

--5

select empid,firstname,lastname,n from HR.Employees,dbo.Nums where n <= 5;

--6: The difference between IN and EXISTS is, "IN" selects list of matching values whereas "EXISTS" returns boolean values "TRUE" or "FALSE".

--7

select \* into Sales.Order14To16 from Sales.Orders where orderdate between '2014-01-01' and '2016-01-01';

select \* from Sales.Order14To16;

--8

alter table Sales.Order14To16 add FiscalYear int;

update Sales.Order14To16 set FiscalYear = case when month(orderdate) < 10

then year(orderdate) else year(orderdate)+1 end;

--9

select distinct c.custid,companyname,case when o.orderdate='2016-02-12' then 'Yes' else 'No' end as HasOrderOn20160212 from Sales.Customers c inner join sales.orders o on c.custid=o.custid order by c.custid;