A)Creating a view

1)Create a horizontal view

create view emp_view as select * from emp

2)Create a vertical view

create view dept_view as select dno,dname,location from dept

3) Create a view that display eno,ename,salary of employee working for dept 10

create view emp_view_v1 as select eno,ename,salary from emp where dno=10

4) Create a view that display employee with its annual salary

create view emp_view_v1 as select eno,salary*12 Annual_Salary from emp

5) Create a view that display employee whose commission is in the range of 200 to 500

create view comm_emp_sal as select ename from emp where comm between 200 and 500

6)Create a view that display employee with corresponding dept whose dept is in USA

create view emp_dept_loc as select e.dno,e.ename from emp e,dept d where d.location='USA' and e.dno=d.dno

7) Create a view that display employee not getting any commission with check option

create view comm_view as select * from emp where comm is null with check option

8) Insert the records into any one of the view created

insert into dept_view values(11,'Maths','Africa')

9) Increment salary by 10% who are not getting commission perform in the view

update emp_view set salary=salary+salary*0.1 where comm is null

10) Remove the details that belongs to dept 10 perform this operation in view

delete from dept_view where dno=10

11) Drop a view

drop view dept_view

12) Create a view that display total salary for each dept

create view emp_total_salary (total_salary,Dept_no)
as select sum(salary),dno from emp group by dno

B) Use of other database object

1) Keyword:Indentity

create table persons (id int identity primary key, fname varchar (40) not null, lname varchar (40), address varchar (50))

insert into persons (fname,lname,address) values ('rohit' , 'shetty' , 'mumbai')

insert into persons (fname,lname,address) values ('Rahul' , 'sharma' , 'Pune')

insert into persons (fname,lname,address) values ('Chirag' , 'sheth' , 'Kolad')

select * from persons

create table persons_1 id int identity (5,10) primary key, fname varchar (40) not null, lname varchar (40), address varchar (50))

insert into persons_1 (fname,lname,address) values ('rohit' , 'shetty' , 'mumbai')

insert into persons_1 (fname,lname,address) values ('Rahul' , 'sharma' , 'Pune')

insert into persons_1 (fname,lname,address) values ('Chirag' , 'sheth' , 'Kolad')

select * from persons_1

2) Keyword: synonym

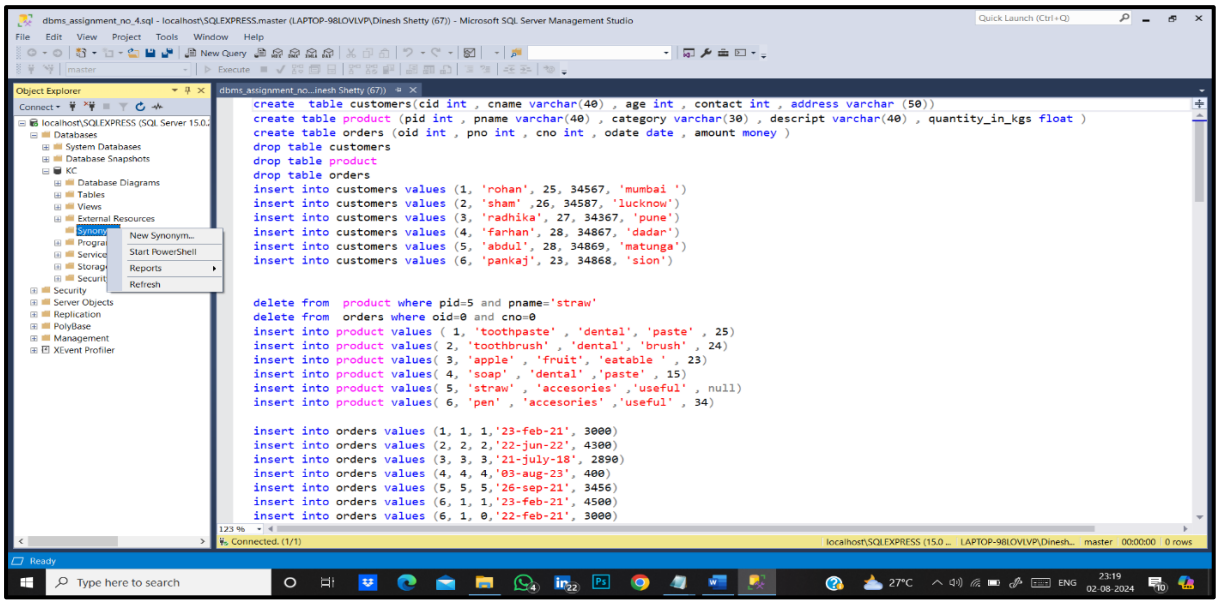
a) Using SQl cmd

create synonym p for persons

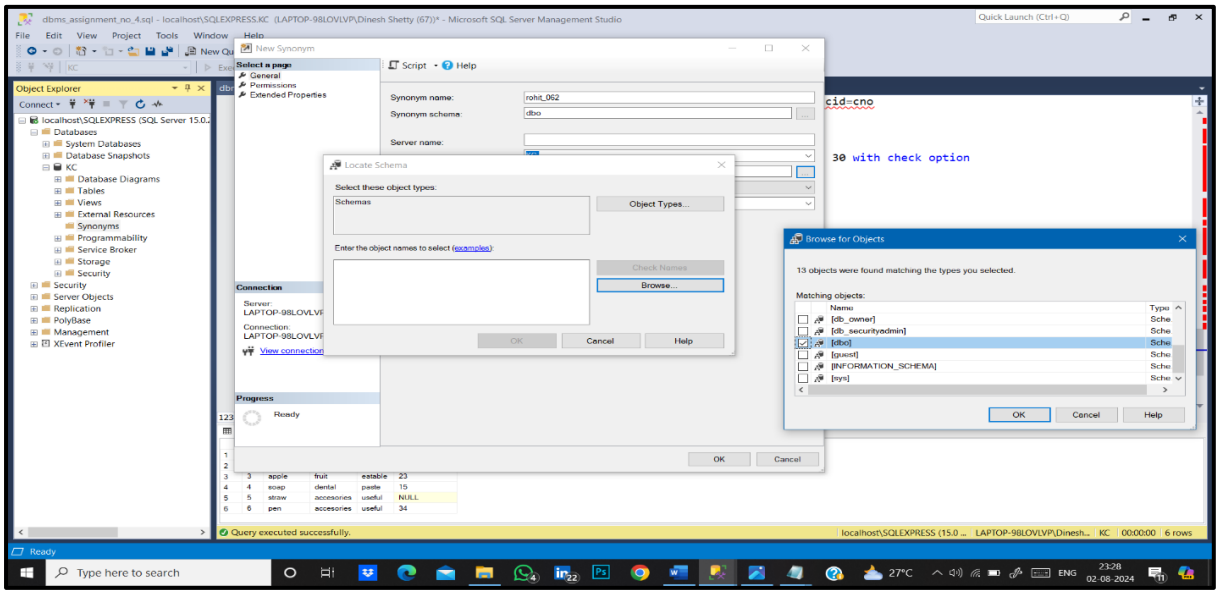
select * from p

b) Using Interface

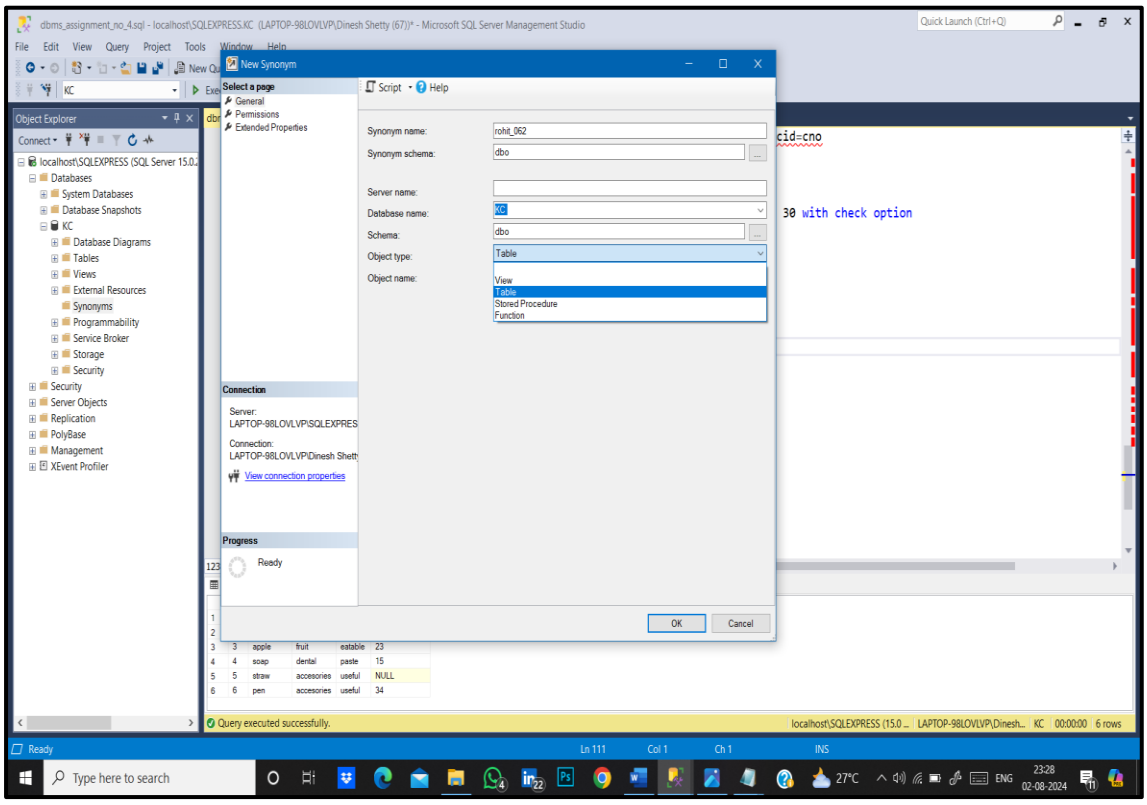
1)



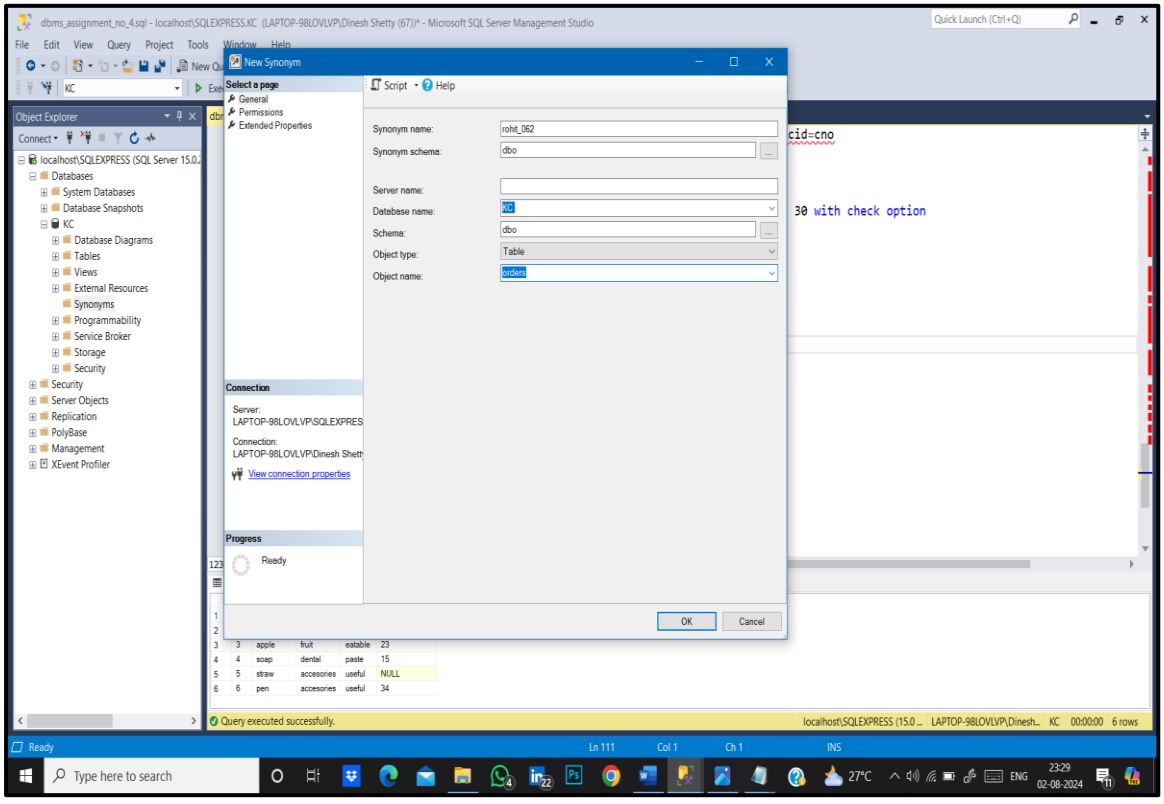
2)



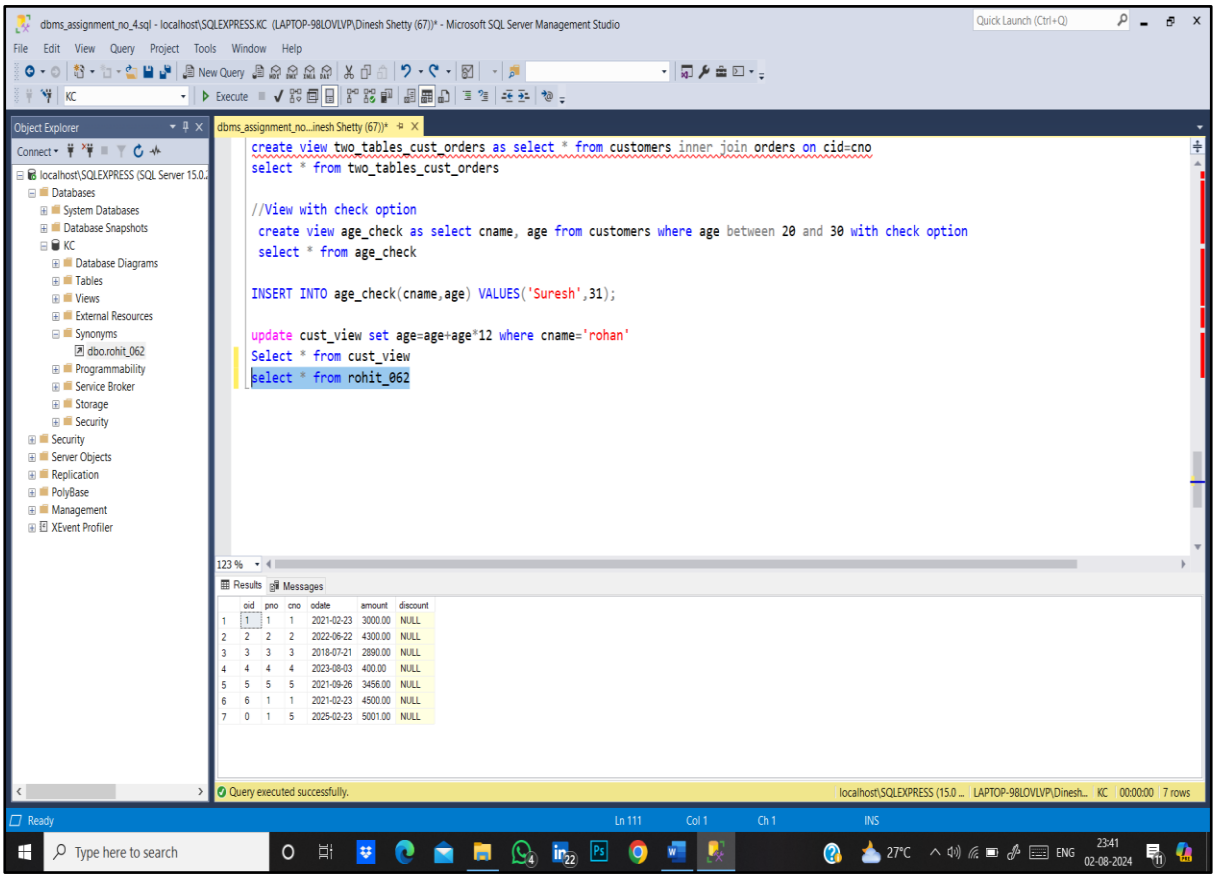
3)


New Synonym
Select a page
General
Permissions
Extended Properties
Script
Help
Synonym name:
rohit_062
Synonym schema:
dbo
Server name:
Database name:
KC
Schema:
dbo
Object type:
Table
Object name:
View
Table
Stored Procedure
Function
Connection
Server:
LAPTOP-98LOVLVP\SQLEXPRES
Connection:
LAPTOP-98LOVLVP\Dinesh Shetty
View connection properties
Progress
Ready
OK
Cancel
cid=cno
30 with check option
Query executed successfully.

4)


New Synonym
Select a page
General
Permissions
Extended Properties
Script
Help
Synonym name:
rohit_062
Synonym schema:
dbo
Server name:
Database name:
KC
Schema:
dbo
Object type:
Table
Object name:
bridetb
Connection
Server:
LAPTOP-98LOVLVP\SQLEXPRES
Connection:
LAPTOP-98LOVLVP\Dinesh Shetty
View connection properties
Progress
Ready
OK
Cancel
cid=cno
30 with check option
Query executed successfully.

5)


dbms_assignment_no_4.sql - localhost\SQLEXPRESS.KC (LAPTOP-98LOVLVP\Dinesh Shetty (67))* - Microsoft SQL Server Management Studio
create view two_tables_cust_orders as select * from customers inner join orders on cid=cno
select * from two_tables_cust_orders
//View with check option
create view age_check as select cname, age from customers where age between 20 and 30 with check option
select * from age_check
INSERT INTO age_check(cname,age) VALUES('Suresh',31);
update cust_view set age=age+age*12 where cname='rohan'
Select * from cust_view
select * from rohit_062
Query executed successfully.