**R.G.P.G COMPUTER CENTRE**

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**OFFICE AUTOMATION & E-GOV**

**SQLSERVER QUERY ( BATCH 1ST )  
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createdatabase **rgpg**

use **rgpg**

use **sachinsirohi**

dropdatabase **RGPG**

alterdatabase **RGPGcollege** Modify **Name**=RGPG

EXECsp\_renamedb 'rgpg','RGPGcollege'

sp\_rename **computer**,Computer5

sp\_help

selecthost\_id()

createtable **computer2**

(

ComputerName varchar(100),

ComputerAddress varchar(200),

Contact int

)

createtable **emptytable**

(

username varchar(100)

)

select\*from **dbo**.computer

select **ComputerName** from **dbo**.computer

select **ComputerName**, **computeraddress** from **computer**

select\*from **emptytable**

select **Computername** as'EmpName',computeraddress as'EmpAddress'from **computer**

select **Computername** 'EmpName1',computeraddress 'EmpAddress1'from **computer**

select'EmpName2'=Computername ,'EmpAddress2'=computeraddress from **computer**

select **Computername**,'Contact',computeraddress from **computer**

select **Computername**+'HCL'+computeraddress+'Hapur'as **Information** from **computer**

insertinto **computer** values('Sony Computer','Baraut',105)

select **computername**,contact,calulating=contact%2 from **computer**

select\*from **computer** where **ComputerName**='HP'

select\*from **computer** where **Contact**=102 and **ComputerName**='Accer'and **ComputerAddress**='modinagar'

select\*from **computer** where **Contact** !=101

select\*from **computer** where **Contact** <>101

select **computername**,ComputerAddress,Contact from **computer** where **Contact** notbetween **101** and **10000**

select **computername**,ComputerAddress,Contact from **computer** where **computername** notin('HP','Accer')

select\*from **computer** where **ComputerAddress** like'%nagar'

select\*from **computer** where **ComputerAddress** like'Mee%'

select\*from **computer** where **ComputerAddress** like'\_eerut'

select\*from **computer** where **ComputerAddress** like'Modina\_\_'

select\*from **computer** where **ComputerName** like'\_ony\_Compute\_'

select\*from **computer** where **computername** like'[a-e][a-d]%'

select\*from **computer** where **computername** isNULL

select\*from **computer** orderby **computername** desc

selecttop **4 computername**,ComputerAddress from **computer**

selectdistinct\*from **computer** where **ComputerName** like'De%'

selectdistinct **ComputerName** from **computer** where **ComputerName** like'De%'

createtable **newtable**

(

newvalue intdefault **0**,

name char(20)notnull,

haddress varchar(100)notnull,

dob datetimenotnull,

salary floatnotnull,

price moneynotnull,

contact bigintnotnull

)

altertable **newtable contact** bigintnotnull

select\*from **newtable**

insertinto **newtable** values(0,'Hari','Meerut','12/02/2015',30000.50,50.69,)

createtable **employee**

(

**emp\_id** varchar(20)notnullprimarykey,

**emp\_name** varchar(100)

)

select\*from **employee**

insertinto **employee** values('E105','Payal')

createtable **department**

(

**dept\_Id** varchar(20)notnullprimarykey,

**Dept\_name** varchar(100)null,

**emp\_id** varchar(20)foreignkeyreferences **employee**(emp\_id)

)

select\*from **department**

insertinto **department** values('D202','English','E102')

deletefrom **department** where **emp\_id**='E102'

deletefrom **employee** where **emp\_id**='E101'

createtable **prmy**

(

**u\_id** intprimarykey,

**u\_name** varchar(100)notnull

)

select\*from **prmy**

insertinto **prmy** values(102,'Sita')

createtable **forn**

(

**C\_ID** intprimarykey,

**c\_name** varchar(100),

**uu\_id** intforeignkeyreferences **prmy**(u\_id)

)

select\*from **forn**

insertinto **forn** values(1003,'Wipro',102)

createtable **autonumber**

(

**u\_id** intidentity(101,1)primarykey,

**u\_name** varchar(100)notnull

)

select\*from **autonumber**

insertinto **autonumber** values('Hari')

createtable **newtable1**

(

**newtext** char(6)primarykeyclustered

)

select\*from **newtable1**

createtable **clust**

(

**compt\_id** varchar(100)notnull,

**compt\_name** varchar(100)

)

insertinto **clust** values ('C102','Sony')

select\*from **clust**

createuniqueclusteredindex **abcd**

on **clust**(compt\_id)

createtable **friends**

(

**friend\_name** char(4)notnull

constraint **fr\_frind** primarykeyclustered

check( **friend\_name** in ('Ram','Ravi','Rita')

or **friend\_name** like('AB[a-z][a-z]')),

**frnd\_add** varchar(50)

)

droptable **friends**

insertinto **friends** values('ABta','Modinagar')

select\*from **friends**

createtable **person**

(

**p\_ID** intnotnull,

**lastname** varchar(255)notnull,

constraint **pkperson** primarykey(p\_ID,lastname),

**addrs** varchar(50)

)

altertable **person** add **addrs2** varchar(50)unique

altertable **person** dropconstraint **pkperson**

droptable **person**

select\*from **person**

altertable **person** addunique(addrs)

insertinto **person** values(104,'sharma','Meerut1','mrt1')

createtable **[dbo]**.[EmployeeTable]

(

**empname** varchar(100),

**addres** varchar(100)notnull,

**salary** bigint

)

insertinto **EmployeeTable** values('Sita','abcd',50000)

droptable[dbo].[EmployeeTable]

select\*from **[dbo]**.[EmployeeTable]

altertable **[dbo]**.[EmployeeTable] addcheck(salary>10000)

insertinto **EmployeeTable**(empname,addres)values('Sita','Meerut')

insertinto **EmployeeTable** select **EmployeeTable2**.empname2,addres2,salary2 from **EmployeeTable2**

createtable **[dbo]**.[EmployeeTable2]

(

**empname2** varchar(100),

**addres2** varchar(100)notnull,

**salary2** bigint

)

insertinto **EmployeeTable2** values('James','Washington',70000)

select\*from **EmployeeTable2** orderby **empname2** desc

select\*from **EmployeeTable2** orderby **addres2**

select **empname2**,max(salary2)as'Maximum Salary',

min(salary2)as'Minimum Salary',avg(salary2)

as'average Salary',sum(salary2)as'Total Salary'

from **EmployeeTable2** groupby **empname2**

havingMAX(salary2)>=100000

selectcount(salary2)as'total salary'

from **EmployeeTable2**

createtable **join1**

(

**j\_id** bigintprimarykey,

**jname** varchar(50),

**amount** bigint

)

select\*from **join1**

insertinto **join1** values(11,'Sita kumari',4000,800)

createtable **join2**

(

**j\_id** bigintprimarykey,

**jnamee** varchar(50),

**amountt** bigint

)

select\*from **join2**

insertinto **join2** values(6,'Ravi',5800)

select\*from **join1**,join2

where **join1**.j\_id=join2.j\_id

select\*from **join1** innerjoin **join2** on

**join1**.j\_id=join2.j\_id

select\*from **join1** leftjoin **join2** on

**join1**.j\_id=join2.j\_id

select\*from **join1** leftjoin **join2** on

**join1**.jname=join2.jnamee

select\*from **join1** rightjoin **join2** on

**join1**.j\_id=join2.j\_id

select\*from **join1** innerjoin **join2** on

**join1**.jname=join2.jnamee innerjoin **EmployeeTable2**

on **EmployeeTable2**.empname2=join2.jnamee

select **empname2**+'.'+addres2 as **Full\_name** from **EmployeeTable2**

select\*from **join1** where **j\_id**=101

update **join1** set **jname**='Ram'where **j\_id**=103

update **join1** set **amount**=59000 where **jname**='Sita'

update **join1** set **amount**=9000 where **j\_id**<>993

update **join1** set **amount**=8840 where **jname** like'R%'

update **join1** set **amount**=9840 where **jname** notin

('Ram','Sita')

update **join1** set **amount**=6099 where **amount** like

'%20!%%'Escape'!'

select **jname** from **join1** groupby **jname** having

sum(amount)>10000

update **join1** set **jname**='Ram Kumar'from (select

**jname** as **myname** from **join1** groupby **jname** havingSUM(amount)

>10000)as **myselect** where **join1**.jname=myselect.myname

select **jname** as **MyName** from **join1**

update **join1** set **jname**='Rita'from (select

**jnamee** from **join2** groupby **jnamee** havingSUM(amountt)

>10000)as **j2** where **join1**.jname=j2.jnamee

update **join1** set **jname**='Rita'from (select

**jnamee** from **join2** groupby **jnamee** havingSUM(amountt)

>10000)as **a1** where **join1**.jname=a1.jnamee

update **join1** set **amount**=join1.amount+join2.amountt

from **join1**,join2 where **join1**.j\_id=join2.j\_id

update **join1** set **jname**='Robert'where **j\_id**=101

update **join1** set **jname**='Robert'from (select

**join1**.j\_id,join2.jnamee from **join1** innerjoin **join2**

on **join1**.j\_id=join2.j\_id)as **myselect** where

**join1**.jname=myselect.jnamee

select\*from **join1**

select\*from **join2**

deletefrom **join2** where **j\_id**=450

deletefrom **join2**

truncatetable **join1**

altertable **friends** add **salary** bigint

select\*from **friends**

insertinto **friends**(salary)values(500000)

update **friends** set **salary**=45000 where **friend\_name**='ravi'

select **friend\_name** from **friends** groupby **friend\_name**

havingSUM(salary)>46000

delete **friends** from **friends** where **friend\_name** in

(select **friend\_name** from **friends** groupby

**friend\_name** havingSUM(salary)>=46000)

select\*from **employee**

select\*from **employee** whereexists(select\*

from **employee** where **employee**.emp\_id='E101')

insertinto **employee** values(2,'Ram')

select\*from **join1**

select\*from **join2**

select\*from **employee** whereexists(Select\*from

**join1** innerjoin **join2** on **join1**.jname=join2.jnamee

where **join1**.jname=employee.emp\_name)

select **j\_id**,jname from **join1** where **j\_id** in(

select **j\_id** from **join2** where **j\_id**=3)

select **j\_id**,jname from **join1** where **jname**<>all

(select **jnamee** from **join2**)

select **j\_id**,jname from **join1** where **jname**=any

(select **jnamee** from **join2**)

select **j\_id**,jname from **join1** where **jname**=some

(select **jnamee** from **join2**)

select\*from **join1** where **amount** like'\_0%'

select\*from **join1** where **amount** like'20%'

update **join1** set **amount**=5000 where **jname** like'p%'

select **amount**,ISNULL (amount,$0.00)from **join1**

insertinto **join1**(j\_id,jname)values(10,'gita')

select\*from **join1** where **amount** isnull

select\*from **join1** where **amount** isnotnull

select\*from **join1** where **amount** =null

select\*from **join1** where **amount** between **2000** and **8000**

select **distnct jname** from **join1**

select **j\_id**+amount from **join1**

select **j\_id**\*amount from **join1**

select (amount+100)/10 from **join1**

select **amount**\*(10+50)from **join1**

altertable **join1** add **salary** bigint

update **join1** set **salary**=5000

selectcount(distinct **jname**)as'total name row',count(amount)

from **join1**

selectcount(all **jname**)from **join1**

selectcount(\*)from **join1**

selectsum(amount)from **join1**

selectavg(amount)from **join1**

selectmax(amount)from **join1**

selectmin(amount)from **join1**

select'jhon'+'son'returnsfrom **join1**

selectreplace (jname,'hari','B'),jname from **join1**

selectupper(jname)from **join1**

selectlower(jname)from **join1**

selectsubstring(jname,1,2)from **join1**

select **INSTR**(jname,'S',1,5)from **join1**

SELECTLTRIM(jname)from **join1**

select\*from **join1**

insertinto **join1**(j\_id,amount)values(23,65)

SELECTltrim(rtrim(Left(jname,4)))from **join1**

selectltrim(rtrim(' Word '))as **UserName**

selectascii('A'),ascii('a')

selectlen(jname)from **join1**

selectlen('Word')from **join1**

selectlen('Word')

select\*from **join1** where **jname** isnull

selectchar(65)

selectstuff('weather',3,2,'-Compter-')

selectsubstring('Computer',2,3)

selectreverse('Computer')

selectpatindex('%c%','Tcomcruize')

selectcharindex('l','hello')

select **str2**='hello',str(123)as **str1**

select **pay**=str(amount)from **join1**

selectchar(65)

selectinteger(j\_id)from **join1**

select **pay**=amount, **payrt**=str(amount)from **join1**

select **pay**=amount, **payrt**=char(amount)from **join1**

select **j\_id**+amount from **join1**

select'hello '+'word '+jname from **join1**

selectgetdate()

selectdateadd(month,4,getdate())

selectdateadd(year,4,getdate())

selectdateadd(day,6,getdate())

selectdatepart(yy,getdate())as'dat part values'

selectdatepart(mm,getdate())as'dat part values'

selectdatepart(dd,getdate())as'dat part values'

selectdatename(month,getdate())as'DateNameValues'

selectdatename(yy,getdate())as'DateNameValues'

selectdatename(dd,getdate())as'DateNameValues'

selectdatediff(mm,getdate(),'2015-09-17')as'DateDiffValues'

selectdatediff(dd,getdate(),'2015-04-17')as'DateDiffValues'

selectdatediff(yy,getdate(),'2019-04-17')as'DateDiffValues'

selectday('2015-04-15')

selectmonth('2015-04-15')

selectyear('2015-04-15')

selectcast(salary asbigint)from **join1**

select ('2015-01-15','month dd yyyy')

selectgetutcdate()

select\*from **join1**

select **jname**,j\_id from **join1** groupby **j\_id**,jname

selectsum(amount),j\_id,jname from **join1** where

**amount**>1000 groupby **j\_id**,jname

select **jname**,j\_id,max(amount)from **join1** where **amount**>1000 groupby **j\_id**,jname

selectcount(\*)from **join1**

select **jname**,sum(amount)from **join1** groupby **jname**

select **salary**,sum(amount)from **join1** groupby **salary**

select **jname**,sum(amount)from **join1** where **jname** in

('sita','gita')groupby **jname** orderby **jname** asc

select **j\_id**,salary from **join1** union

select **j\_id**,sum(amount)from **join1** groupby **j\_id**,amount

select **j\_id**,salary from **join1** union

select **j\_id**,salary from **join1** groupby **j\_id**,salary

select **j\_id**,salary from **join1** union

select **j\_id**,amountt from **join2** groupby **j\_id**,amountt

select **jname**,sum(j\_id),sum(salary)as'salary'from

join1 groupby **jname**

select **jname**,sum(j\_id),count(\*)from **join1** groupby

jname orderby **1**

select **jname**,sum(j\_id),count(\*)from **join1** groupby

jname havingsum(j\_id)=2

select **jname**,j\_id,count(\*)from **join1** where

j\_id between **5** and **20** groupby **jname**,j\_id having

j\_id between **10** and **20** orderby **j\_id**

self **equality** join

select **join1**.j\_id,join2.jnamee from **join1**,join2

where **join1**.j\_id=join2.j\_id

Natural join

select **join1**.\*,join2.j\_id from **join1**,join2

where **join1**.j\_id=join2.j\_id

select **jname**,jnamee from **join1**,join2

where **join1**.j\_id=join2.j\_id

innerjoin

select **jname**,jnamee from **join1** innerjoin **join2**

on **join1**.j\_id=join2.j\_id

leftouterjoin

select **join1**.jname,join2.jnamee from **join1** leftouter

join **join2** on **join1**.j\_id=join2.j\_id

rightouterjoin

select **join1**.jname,join2.jnamee from **join1** rightouter

join **join2** on **join1**.j\_id=join2.j\_id

where **join2**.amountt=5000

fullouterjoin

select **join1**.jname,join2.jnamee from **join1** fullouter

join **join2** on **join1**.j\_id=join2.j\_id

crossjoin

select **join1**.jname,join2.jnamee from **join1** cross

join **join2**

select **join1**.jname,join2.jnamee from **join1**,join2

equi join

select\*from **join1** join

join2 on **join1**.j\_id=join2.j\_id

selfjoinusing **alias**

select **a**.j\_id,a.jnamee,b.j\_id,b.jnamee from

join2 a,join2 b where **a**.j\_id=b.j\_id

select\*from **join1**

select\*from **join2**

desc **join1**

select **a**.j\_id,a.jname,a.amount,b.j\_id,b.jnamee,b.amountt

from **join1 a** join **join2 b** on **a**.j\_id=b.j\_id and

a.amount=b.amountt

select **join1**.j\_id,join2.j\_id from **join1**,join2

select **j\_id**,amount from **join1** where **jname**=(select

jnamee from **join2** wherein **jnamee**='Sita')

Experiment

select **join1**.j\_id,join1.amount from **join1**,join2 where

join1.jname=(select **join2**.jnamee from **join1**,join2 where

join1.jname=join2.jnamee)

select **j\_id**,amount from **join1** where **jname**=(select

jnamee from **join2** where **jnamee**=(select **jname** from

join1 where **jname**='Ram'))

select\*from **join1** where **jname** in('sita','gita','ram')

select\*from **join2**

insertinto **join2** values(4,'Ram',4004)

insertinto **join2** select **j\_id**,jname,amount from **join1**

where **j\_id**=11

insertinto **join2** select **a**.j\_id,a.jname,b.amount

from **join1 a**,join3 b where **a**.j\_id=b.j\_id and

b.amount<(select **amount** from **join3** where **j\_id**=101)

createtable **join3**

(

j\_id bigintprimarykey,

jname nvarchar(100)notnull,

amount bigintnotnull

)

insertinto **join3** values(4,'Gulfasha',6000)

select\*from **join3**

update **join3** set **jname**='Ram'where **j\_id**=5

update **join3** set **jname**='Shabana'where **j\_id** in(

select **j\_id** from **join2** where **jnamee**='Ram')

deletefrom **join3** where **j\_id**=101

deletefrom **join3** where **j\_id** in(select **j\_id** from **join2**

where **j\_id**>5)

select **j\_id**,jname from **join1** where **j\_id** in(select

a.j\_id from **join2 a**,join3 b where **a**.j\_id=b.j\_id and

a.jnamee in(select **c**.jname from **join1 c** where **j\_id**<50))

selectmax(j\_id),count(\*)from **join1**

selectstdev(amount)from **join1**

selectstdevp(amount)from **join1**

selectvar(j\_id)from **join1**

selectvarp(j\_id)from **join1**

select\*from **join1**

selectabs((-5)+17)

selectabs(-17.455)

selectacos(-1.00)

with **att** as(select **jname**,amount,row\_number()over(partitionby

jname,amount orderby **amount** )as **NoOfRow** from **join1**)

deletefrom **att** where **NoOfRow**=2

createview **abc** as

select **jname**,jnamee from **join1**,join2 where **jname**=jnamee

Multiple Tablenotupdate

update **abc** set **jname**='Tom cruize',jnamee='Tom cruize2'

where **jname**='Ram'

single Tableupdate

update **abc** set **jname**='Tom cruize'

where **jname**='Ram'

select\*from **abc**

alterview **abc** as

select **a**.jname,b.jnamee from **join1 a**,join2 b where

a.j\_id=b.j\_id

dropview **abc**

sp\_rename **abc**,abc2

EXECsp\_RENAME 'join1.jnamee',

'jname'

select\*from **join1**

delete **ate** from (select **jname**,amount,row\_number()over

(partitionby **jname**,amount orderby **amount** )as

NoOfRow from **join1**)ate where **ate**.NoOfRow=2