create table table1(

id int not null identity(1,1),

email varchar(50),

number char(10)

)

insert into table1

select 'abc1@gmail.com','ghgttt'

union select 'abc2@gmail.com','1234567890'

union select 'abc3@gmail.com','1234567891'

union select 'abc4@gmail.com','1234567892'

union select 'abc5@gmail.com','1234567893'

union select 'abc6@gmail.com','12347894'

union select 'abD6@gmail.com','123494'

union select 'abF6@gmail.com','12344'

union select 'abTT6@gmail.com','1234'

select \* from table1

select STUFF(email,2,CHARINDEX('@',email)-1,'\*\*\*\*')as value from table1

select \* from EMPLOYEE

select top 1 salary from (select distinct top 5 salary from EMPLOYEE order by salary desc ) as value123

order by salary

select \* from EMPLOYEE

go

with cte

as

(

select name,DEPARTMENT.Dept\_details, salary,DENSE\_RANK() over (partition by EMPLOYEE.dept\_id order by salary desc) AS dr

from EMPLOYEE inner join DEPARTMENT

on EMPLOYEE.DEPT\_ID=DEPARTMENT.DEPT\_ID

)

select \* from cte where dr = 1

select email, REPLACE(number,' ','') from table1

select email, LTRIM(RTRIM(number)) as num from table1

abTT6@gmail.com 1234

select \*, SUBSTRING(email,1,CHARINDEX('@',email)-1) as value from table1

select \*, CHARINDEX('@',email), left(email, CHARINDEX('@',email) - 1) as value from table1

Alter table table1

add isNum as isnumeric(number)

a b c

1 3 4

2 5 7

create table table2(

a int,

b int,

c as a+b

)

go

insert into table2 select 1,4

union select 5,11

select \* from table2

CREATE TABLE RandomNumbers (

ID INT IDENTITY(1,1) PRIMARY KEY,

Number INT NOT NULL,

InsertedAt DATETIME DEFAULT GETDATE(),

loopNum int,

);

alter table RandomNumbers alter column Number char(5)

go

alter PROCEDURE InsertNum

AS

BEGIN

declare @cur\_time datetime,@end\_time datetime;

SET @end\_time = dateadd(HOUR, 2, getdate());

declare @loopNum INT;

SET @loopNum=1;

WHILE 1 = 1

BEGIN

SET @cur\_time =GETDATE()

DECLARE @RandomNumber INT,@innerloopnum INT;

DECLARE @RandomChar CHAR(9);

SET @innerloopnum=1;

while @innerloopnum<=100

BEGIN

SET @RandomNumber = FLOOR(RAND() \* 100000);

SET @RandomChar =RIGHT(rtrim('0000'+ CAST(@RandomNumber AS CHAR(5))),5);

IF NOT EXISTS (SELECT 1 FROM RandomNumbers WHERE Number = @RandomChar)

BEGIN

INSERT INTO RandomNumbers (Number,loopNum)

values( @RandomChar,@loopNum)

END

SET @innerloopnum+=1;

END

IF(@cur\_time>@end\_time)

BEGIN

BREAK;

END

SET @loopNum+=1;

WAITFOR DELAY '00:02:00';

    END

END;

go

DECLARE @RandomNumber INT,@RandomChar char(8);

SET @RandomNumber =FLOOR(RAND() \* 10000);

SET @RandomChar =RIGHT(rtrim('000'+ CAST(@RandomNumber AS CHAR(4))),4);

select @RandomChar

truncate table randomNumbers

EXEC InsertNum;