1)/\*get the table\_name,no\_of\_rows,no\_of\_columns and comma separated columns of a table when database name is given as an input\*/

alter proc pro\_table(@db nvarchar(20)) as

begin

set nocount on

declare @tab1 table(table\_name nvarchar(20))

declare @paramdef nvarchar(20)='@table\_name nvarchar(20)'

declare @table\_nam nvarchar(20)

declare @sql nvarchar(500)

set @sql=N'use '+ @db

exec(@sql)

insert into @tab1 select table\_name from information\_schema.tables where table\_catalog=@db and table\_type='base table'

create table #tmp1(table\_name nvarchar(20),no\_of\_columns int,no\_of\_rows int)

declare @cnt int

set @cnt=(select count(\*) from @tab1)

declare @i int=0

while(@i<@cnt)

begin

set @table\_nam=(select \* from @tab1 order by table\_name offset @i rows fetch next 1 rows only)

set @sql=N'insert into #tmp1 select table\_name,max(ordinal\_position) as no\_of\_columns,

(select count(\*) from '+@table\_nam+') as no\_of\_rows

from information\_schema.columns where table\_name='''+@table\_nam+'''

group by table\_name'

--select \*,STRING\_AGG(column\_name,',') within group(order by ordinal\_position) as concatenated from #tmp1

exec sp\_executesql @sql,@paramdef,@table\_nam

set @i=@i+1

end

select distinct table\_name,no\_of\_columns,no\_of\_rows,STUFF((SELECT distinct ',' + column\_name from information\_schema.columns

where t1.table\_name = table\_name FOR XML PATH('') ),1,1,'') concat\_values from #tmp1 t1;

drop table #tmp1

End

Exec pro\_table ‘manisha’

2)

--writing comma separated columns

CREATE TABLE #temp(id int,name char(3))

INSERT INTO #temp VALUES

(1,'c')

,(1,'a')

,(2,'l')

,(3,'b')

,(3,'g')

,(4,'k')

,(3,'a')

select distinct a.id,stuff((select distinct ',' + b.name from #temp b where a.id = b.id

for xml path('') ),1,1,'') concat\_values from #temp a;