Q:1 -write a program to take a number and find square of the number

Ans: declare @x int

set @x=12

print @x\*@x

Q:2: declear name and print hello with that name

Ans: declare @name varchar (10)

set @name='tanaji'

print 'hello '+ @name

Q:2: declear 2 veriable

Ans: declare @x int

set @x =2

set @x \*=2

print @x

Q;3- print job for smith

Ans: declare @x varchar (15)

select @x=job from emp

where ename='SMITH'

print @x

Q:4- display saly and annual sal of ward

Ans: declare @x int

select @x=sal from emp

where ename='WARD'

print @x

print @x\*12

Example:

declare @x int

select @x=sal

from emp

where ename='WARD'

print @x

print @x\*12

print 'salary is ' + cast (@x as varchar) + ' and anual salary is '+ cast (@x\*12 as varchar)

Q:5- store job of word in a variable print sal with 500 bonus if he us ckear keep same salrery he is not working as a cleark

Ans: declare @x\_job varchar (15),@y\_sal as int

select @x\_job = job,@y\_sal =sal

from emp

where ename='WARD'

if @x\_job ='cleark'

print @y\_sal+500

else print @y\_sal

Q:6-store sal of ward in verial depending upon sal print grade for that emp--- sal>=500 (A)

Ans: declare @x\_sal int

select @x\_sal= sal

from emp

where ename='WARD'

     if @x\_sal >= 5000

          print 'A'

       else if @x\_sal >= 3000

           print 'B'

       else if @x\_sal >= 2000

          print 'C'

else if @x\_sal >= 1000

          print 'D'

       else

          print 'E'

Q:7- compaire through 2 different qquery – dept of jones and ford if they work in same deot print work in same dept other wise print dose not work in same dept

Ans: if (select deptno from emp where ename='jones')=

(select deptno from emp where ename='ford')

print 'work in same dept'

else

print 'dose not work in same dept'

Q:8- store comm of allen in veriable if comm is not null print comm other wise print massage no comm

Ans: declare @x\_comm int

select @x\_comm = COMM from emp

where ename='SMITH'

if @x\_comm is null

print 'no comm'

else print @x\_comm

while loop

Q-1- print table of 18

Ans: declare @x int

set @x = 1

while @x <=10

begin

print 19\*@x

set @x = @x+1

end

Q-2 -print dates of week starting from today

Ans: declare @x int

set @x = 0

while @x <=7

begin

print getdate() + @x

set @x = @x +1

end

Stored procedure

Q-1 – create procedure del\_rec which deltes 10’s records from dept\_copy table

Ans: create procedure del\_rec

as

delete from dept\_copy

where DEPTNO = 10

execute del\_rec

Q-2- create procedure find\_emp which accepts name of employe and displaye name and sal

Ans: create procedure emp\_nameacc (@name varchar(40))

as

select ename,sal from emp\_copy

where ename=@name

execute emp\_nameacc 'clark'

function Example

create function fun1(@x int)

returns int

as begin return @x\*@x

end

select dbo.fun1(8)

Q:1- Create function called tax which accepts salary

Ans: create function tax2(@x int)

returns int

as begin return @x+(@x\*0.5)

end

select dbo.tax2(8)

example

select ename,sal,dbo.tax(sal)

from emp