select \* from emp\_new;

CREATE TABLE SAL\_GRADE

( GRADE VARCHAR(10)primary key,

MINSAL varchar(50),

MAXSAL varchar(50)

);

insert into sal\_grade values('A',20000,30000);

insert into sal\_grade values('B',10000,19999),

('c',5000,9999),

('D',1000,4999),

('E',100,999);

select \*from sal\_grade;

SELECT \* FROM akshata.emp;

# assignment no. 2

# Q.2

select ename,job,sal+(0.10\*( sal)) from emp where job like '%manager';

set sql\_safe\_updates=0

#Q.3

#delete from dept;

#q. 6

select first\_name from emp\_new where hire\_date = '2007-12-07';

#Q.11

SELECT \* from emp\_new order by employee\_id desc ;

#q.12

select distinct job\_id,salary from emp\_new group by job\_id

# Q.13

SELECT DEPARTMENT\_ID,MAX(SALARY) FROM EMP\_NEW GROUP BY DEPARTMENT\_ID

#Q. 14

SELECT JOB\_ID,AVG(SALARY) FROM EMP\_NEW GROUP BY JOB\_ID

#Q15

select COUNT(EMPLOYEE\_ID) FROM EMP\_NEW WHERE DEPARTMENT\_ID=20

#Q.16

SELECT COUNT(EMPLOYEE\_ID) FROM EMP\_NEW WHERE DEPARTMENT\_ID=10 AND JOB\_ID LIKE '%MANAGER'

#Q.17

SELECT COMMISSION\_PCT,COUNT(EMPLOYEE\_ID) FROM EMP\_NEW WHERE DEPARTMENT\_ID=30 AND COMMISSION\_PCT IS NULL

#Q18

SELECT FIRST\_NAME FROM EMP\_NEW WHERE EXTRACT(MONTH FROM HIRE\_DATE) = 12;

#Q.19

select dayname( hire\_date) from emp\_new where first\_name like 'den';

#q20

select first\_name ,extract(month from hire\_date) from emp\_new where first\_name like 's%';

select first\_name ,monthname(hire\_date) from emp\_new where first\_name like 's%';

#Q.21

select first\_name,hire\_date from emp\_new order by hire\_date;

#Q.22

select first\_name, date\_format(hire\_date,' %d %b %y') as date\_of\_join from emp\_new

#q.23

select curdate();

select datediff(current\_date,hire\_date)/365 as date\_diff from emp\_new;

#q.24

select date\_add(curdate(),interval 15 day);

#q.25

select first\_name,hire\_date from emp\_new where year(hire\_date)=2001;

#assignment no.3

#q.1 (finance)

select first\_name from emp\_new where DEPARTMENT\_ID=

(select department\_id from departments where department\_name like 'finance');

#q.3

select department\_name from departments where department\_id in(

select department\_id ,max(salary) from emp\_new );

#Q.4

SELECT job\_id from emp\_new where department\_id and job\_id not in(

select job\_id,department\_id from emp\_new where department\_id in(90,70) );

use akshata;

#q.5

select first\_name,department\_id from emp\_new where department\_id=(

select department\_id from emp\_new where first\_name='den');

#q.6

select job\_id,max(salary) from emp\_new where salary in(select avg(salary) from emp\_new group by JOB\_ID);

#Q.7

select first\_name,salary from emp\_new where salary >

(select min(salary) from emp\_new where department\_id=20);

#q.8 #self join condition

select first\_name,salary from emp\_new where salary >

(select max(d.salary) from emp\_new e,emp\_new d where e.manager\_id=d.employee\_id);

#assignment no 7

#Q1

select e.first\_name,e.employee\_id from emp\_new e,emp\_new d where e.manager\_id not in (d.employee\_id);

#q.2

select first\_name,DEPARTMENT\_ID,mgr\_grade from emp\_new where department\_id IN

(select department\_id from departments where department\_name LIKE 'sales') and mgr\_grade='C';

#Q.3

SELECT FIRST\_NAME FROM emp\_new where first\_name like '\_\_\_\_\_%';

#Q.4

SELECT DEPARTMENT\_NAME FROM departments WHERE DEPARTMENT\_NAME LIKE 'S%';

#Q.5

SELECT FIRST\_NAME,(0.2\*(SALARY)+SALARY),salary FROM EMP\_NEW WHERE 0.2\*(SALARY)+SALARY >3000;

#Q.6(self join)

select e.first\_name,e.manager\_id from emp\_new e,emp\_new d

where (d.employee\_id=e.manager\_id and d.first\_name like 'steven');

#q.7

select first\_name,department\_name from emp\_new join departments on emp\_new.department\_id = departments.department\_id;

#Q8

select first\_name from emp\_new where department\_id=(select department\_id from departments where department\_name='sales');

#q.9

select first\_name,department\_id,salary from emp\_new

where (salary between 2000 and 5000) and department\_id in

(select department\_id from departments where location\_id=1700);

#q.10

select d.first\_name,d.salary,e.first\_name,e.salary from emp\_new e,emp\_new d where e.manager\_id=d.employee\_id and e.salary>d.salary