**Assignment-1**

**Q.1 ->**

**1. -> create table student(**

**stud\_id number(3) primary key,**

**fname varchar(15),**

**lname varchar(20),**

**age number(2));**

**2.-> insert into student values(101,'Shailesh','Chaudahri',19);**

**insert into student values(102,'Nirav','Savaliya',20);**

**3.-> rollback;**

**4.-> select \* from student;**

**5.-> insert into student values(103,'Jay','Lakhani',19);**

**insert into student values(104,'Priyanka','Vasoya',19);**

**insert into student values(105,'Prince','Vasoya',18);**

**6.-> commit;**

**7.-> select \* from student;**

**8.-> update student**

**set age=18**

**where stud\_id=1;**

**9.-> insert into student values(106,'sailesh','Chudhari',19);**

**insert into student values(107,'Nirav','Savaliya',20);**

**10.-> savepoint first;**

**11.-> select \* from student;**

**12.-> insert into student values(108,'Dipensi','Vekariya',21);**

**insert into student values(109,'Dhruvi','Mungal',20);**

**insert into student values(110,'Varshil','Suhagiya',17);**

**13.-> savepoint second;**

**14.-> delete from student where stud\_id=110;**

**15.-> Select \* from STUDENT;**

**16.-> ROLLBACK to Second;**

**17.-> Select \* from STUDENT;**

**18.-> ROLLBACK to First;**

**19.-> Select \* from STUDENT;**

**20.-> Commit;**

**21.-> Select \* from STUDENT;**

***Q.2->***

**1.-> for grant:- grant select on student to jay;**

**For access:- select \* from system.student;**

**2.-> for grant:- grant insert,update,delete on student to jay;**

**For access:- (for insert) -> insert into system.student values(111,'Avadh','Rakholiya',21);**

**(for update)-> update system.student**

**set stud\_id=446,age=20**

**where stud\_id=111;**

**(FOR delete)-> delete from system.student where stud\_id=446;**

**3.-> for grant :- grant all on student to jay;**

**4.-> revoke select on student from jay;**

**5.-> revoke insert,update,delete on student from jay;**

**6.-> revoke all on student from jay;**

***Q.3***

1. **Select c.cust\_id,cust\_name,address,city,phone\_no,order\_id,order\_date,ship\_date,total\_amt from customer c,order1 o where c.cust\_id=o.cust\_id;**
2. **select cust\_name,city,phone\_no from customer;**
3. **select c.cust\_id,cust\_name,address,city,phone\_no,order\_id,order\_date,total\_amt from customer c,order1 o where c.cust\_id=o.cust\_id and total\_amt >=1000;**
4. **select \* from customer where city ='Banglore';**
5. **select cust\_name,city from customer where city in ('Banglore','Mumbai');**
6. **select cust\_name,city from customer where city not in ('Banglore','Mumbai');**
7. **select \* from order1 where cust\_id=102;**
8. **select \* from order1 where cust\_id in(102,103);**
9. **select \* from order1 where cust\_id in(102,103,104);**
10. **select count(cust\_id) from order1 where cust\_id=102;**
11. **select \* from customer where cust\_name like'J%';**
12. **select \* from customer where cust\_name not like'J%';**
13. **select \* from customer where cust\_name like'\_o%';**
14. **select \* from customer where cust\_name like'%s%';**
15. **select \* from customer where cust\_name like'%rt%';**
16. **select \* from order1 where total\_amt >=3000 and total\_amt <= 5000;**
17. **select \* from order1 where ship\_date is null;**
18. **select c.cust\_id,cust\_name,order\_id from customer c,order1 o where c.cust\_id=o.cust\_id order by cust\_name;**
19. **select cust\_name,total\_amt from customer c, order1 o where c.cust\_id=o.cust\_id order by cust\_name,total\_amt asc;**
20. **select cust\_name,total\_amt from customer c, order1 o where c.cust\_id=o.cust\_id order by cust\_name,total\_amt desc;**
21. **select \* from order1 where ship\_date is null order by total\_amt desc;**
22. **select \* from order1 order by order\_date asc;**
23. **select count(cust\_id) from customer ;**
24. **select c.cust\_id,cust\_name,sum(total\_amt),avg(total\_amt) from customer c,order1 o where c.cust\_id=o.cust\_id group by c.cust\_id,cust\_name;**
25. **select c.cust\_id ,cust\_name,max(total\_amt),min(total\_amt) from customer c,order1 o where c.cust\_id = o.cust\_id group by c.cust\_id,cust\_name;**
26. **select count(\*) from order1 where ship\_date is null;**
27. **select cust\_id,count(order\_id) from order1 group by cust\_id;**
28. **select to\_char(order\_date,'yyyy') as year, sum(total\_amt) from order1 group by to\_char(order\_date,'yyyy') ;**
29. **select city,count(cust\_id) from customer group by city;**
30. **select order\_date,count(order\_date) from order1 group by order\_date having count(order\_date)>=2;**
31. **Select c.cust\_id,count(order\_id) from customer c,order1 o where c .cust\_id=o.cust\_id group by c.cust\_id having count(order\_id)>3;**
32. **select \* from order1 where cust\_id in(select cust\_id from customer where cust\_name='Vollyrite');**
33. **select c.cust\_id,cust\_name,order\_date from customer c , order1 o where c.cust\_id=o.cust\_id and order\_date<'4-feb-2011';**
34. **select c.\* from customer c, order1 o where c.cust\_id=o.cust\_id and to\_char (ship\_date,'MON')='MAR';**
35. **select o.cust\_id,cust\_name,order\_date from customer c, order1 o where c.cust\_id=o.cust\_id and (to\_char(order\_date,'yyyy')='2009' or to\_char(order\_date,'yyyy')='2010');**