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BATCH :5

ROLL NO: R177219148

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EXPERIMENT-10

Objective - To understand the concept of transaction, commit, rollback and checkpoint

```
create table info(  
  eid varchar(20),  
  ename varchar(20),  
  age integer,  
  address varchar(50),  
  salary integer);
```

OUTPUT:

Table created.

```
insert into info(eid,ename,age,address,salary) values('E001','Anuj  
kumar',35,'Pune,Maharashtra',50000);  
insert into info(eid,ename,age,address,salary) values('E002','Sahil srivastava',31,'Agra,Uttar  
Pradesh',63000);  
insert into info(eid,ename,age,address,salary) values('E003','Raman  
Arora',37,'Pune,Maharashtra',42000);  
insert into info(eid,ename,age,address,salary) values('E004','Kishore  
Anand',36,'Dehradun,Uttarakhand',55000);  
insert into info(eid,ename,age,address,salary) values('E005','Gaurav  
Singh',32,'Chittorh,Rajasthan',50000);  
insert into info(eid,ename,age,address,salary) values('E006','Raghav Dayal',34,'Panjim,Goa',35000);  
insert into info(eid,ename,age,address,salary) values('E007','Hemant Raval',34,'Surat,Gujarat',60000);
```

OUTPUT:

EID	ENAME	AGE	ADDRESS	SALARY
E001	Anuj kumar	35	Pune,Maharashtra	50000
E002	Sahil srivastava	31	Agra,Uttar Pradesh	63000
E003	Raman Arora	37	Pune,Maharashtra	42000
E004	Kishore Anand	36	Dehradun,Uttarakhand	55000
E005	Gaurav Singh	32	Chittorh,Rajasthan	50000
E006	Raghav Dayal	34	Panjim,Goa	35000
E007	Hemant Raval	34	Surat,Gujarat	60000

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7 rows selected.

- 1) Use commit statement to commit the records.

Delete from info where age = 34;

Commit;

Select * from info;

OUTPUT:

EID	ENAME	AGE	ADDRESS	SALARY
E001	Anuj kumar	35	Pune,Maharashtra	50000
E002	Sahil srivastava	31	Agra,Uttar Pradesh	63000
E003	Raman Arora	37	Pune,Maharashtra	42000
E004	Kishore Anand	36	Dehradun,Uttarakhand	55000
E005	Gaurav Singh	32	Chittorh,Rajasthan	50000

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5 rows selected.

- 2) Use five save points and implement all the five save points and show the results

exec savepoint sp1;

delete from info where eid='E001';

exec savepoint sp2;

delete from info where eid='E002';

exec savepoint sp3;

```
delete from info where eid='E003';
```

```
exec savepoint sp4;  
delete from info where eid='E004';
```

```
exec savepoint sp5;  
delete from info where eid='E005';
```

```
rollback to savepoint sp2;
```

```
select * from info;
```

OUTPUT:

EID	ENAME	AGE	ADDRESS	SALARY
E002	Sahil srivastava	31	Agra,Uttar Pradesh	63000
E003	Raman Arora	37	Pune,Maharashtra	42000
E004	Kishore Anand	36	Dehradun,Uttrakhand	55000
E005	Gaurav Singh	32	Chittorh,Rajasthan	50000

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4 rows selected.