

ASSIGNMENT-1

Q1. Create a view to get a count of how many employees are in organization at each level of salary.

Autocommit Rows 10 Save Run

```
create table shubham(emp_id integer, emp_name varchar(20), location varchar(20), salary integer, department varchar(10));
select * from shubham;
insert into shubham values(1001, 'David', 'pta', 1000, 'cse');
insert into shubham values(1002, 'Brad', 'chd', 1000, 'ece');
insert into shubham values(1003, 'Eve', 'amb', 5000, 'cse');
insert into shubham values(1004, 'Tom', 'bti', 2000, 'me');
insert into shubham values(1005, 'Harry', 'Moh', 3500, 'Ce');
insert into shubham values(1006, 'John', 'pkl', 4500, 'Ce');
insert into shubham values(1007, 'Kerry', 'pti', 5000, 'cse');
create view shubham_count as (select salary, count(*) as count from shubham group by salary);
select * from shubham_count;
```

Results Explain Describe Saved SQL History

SALARY	COUNT
1000	2
5000	2
4500	1
3500	1
2000	1

5 rows returned in 0.01 seconds [Download](#)

Q2. Create a forced view?

Autocommit Rows 10 Save Run

```
create force view shubham_gupta_view as (select name, rollno from shubham_gupta);
create table shubham_gupta(name varchar(30),rollno integer);
insert into shubham_gupta values ('Shubham Gupta', 1834);
select * from shubham_gupta_view;
```

Results Explain Describe Saved SQL History

NAME	ROLLNO
Shubham Gupta	1834

1 rows returned in 0.00 seconds [Download](#)

Q3. Create a cluster of EMP and DEPT tables in which the DEPTNO will be cluster key.

```
create cluster shubham_cluster(deptno varchar2(20));
create index shubham_index on cluster shubham_cluster;
create table shubham_emp(name varchar2(20), deptno varchar2(20)) cluster shubham_cluster(deptno);
create table shubham_dept(deptid integer, deptno varchar2(20)) cluster shubham_cluster(deptno);
select * from user_clusters;
```

Results Explain Describe Saved SQL History

CLUSTER_NAME	TABLESPACE_NAME	PCT_FREE	PCT_USED	KEY_SIZE	INI_TRANS	MAX_TRANS	INITIAL_EXTENT	NEXT_EXTENT
SHUBHAM_CLUSTER	USERS	10	-	-	2	255	65536	1048576

1 rows returned in 0.09 seconds [Download](#)