

QUESTION NO 09 [CHEATS DBMS]

Q.9 Design College database with three entities

student(rollno,sname,address,mobileno,branch,emailadd)

Placements(rollno, branch, ,company_name,package_offered)

a) create PL/SQL procedure p1 to perform following task:

- 1) Display student details
- 2) Display placed students name, branch , and package offered

ANSWER :-

```
it@PGDERP11:~$ sudo su;
```

```
[sudo] password for it:
```

```
root@PGDERP11:/home/it# mysql;
```

```
Welcome to the MySQL monitor.  Commands end with ; or \g.
```

```
Your MySQL connection id is 8
```

```
Server version: 8.0.33-0ubuntu0.22.04.1 (Ubuntu)
```

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Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

```
mysql> show databases;
```

```
+-----+
| Database          |
+-----+
| Employee          |
| Ismail            |
| Library           |
| conAssi           |
| d73_pl            |
| information_schema|
| mysql             |
| performance_schema|
| plsql             |
| practice          |
| shree             |
| student           |
| sys               |
+-----+
```

```
13 rows in set (0.01 sec)
```

```
mysql> use student;
Reading table information for completion of table and column names
You can turn off this feature to get a quicker startup with -A
```

```
Database changed
mysql> show tables;
```

```
+-----+
| Tables_in_student |
+-----+
| Avg_age           |
| In_Employee       |
| Student           |
| emp               |
| emp_audit         |
| empbackup         |
| employee          |
| stud_audit        |
+-----+
8 rows in set (0.00 sec)
```

```
mysql> create table student(rollno int,sname varchar(50),addr varchar(255),mno long,branch
long,email varchar(50));
Query OK, 0 rows affected (0.02 sec)
```

```
mysql> insert into student values(1,"ismail","tambenagar",9405768903,"IT","ismail@gmail.com");
Query OK, 1 row affected (0.00 sec)
```

```
mysql> insert into student
values(3,"meghraj","sharadanagar",9405768945,"IT","MEGHRAJ@gmail.com");
Query OK, 1 row affected (0.01 sec)
```

```
mysql> insert into student
values(35,"varad","vaibhavwadi",9405768789,"AIDS","varad@gmail.com");
Query OK, 1 row affected (0.00 sec)
```

```
mysql> insert into student
values(74,"ajinkya","taradgaon",9405768798,"MECH","ajinkya@gmail.com");
Query OK, 1 row affected (0.00 sec)
```

```
mysql> insert into student values(47,"rachit","akot",9405768879,"ENTC","rachit@gmail.com");
Query OK, 1 row affected (0.01 sec)
```

```
mysql> insert into student
values(28,"ankit","malkapur",9405768999,"COMP","ankit@gmail.com");
Query OK, 1 row affected (0.00 sec)
```

```
mysql> select * from student;
```

```
+-----+-----+-----+-----+-----+-----+
| rollno | sname | addr      | mno      | branch | email      |
+-----+-----+-----+-----+-----+-----+
| 1 | ismail | tambenagar | 9405768903 | IT | ismail@gmail.com |
| 3 | meghraj | sharadanagar | 9405768945 | IT | MEGHRAJ@gmail.com |
```

35	varad	vaibhavwadi	9405768789	AIDS	varad@gmail.com
74	ajinkya	taradgaon	9405768798	MECH	ajinkya@gmail.com
47	rachit	akot	9405768879	ENTC	rachit@gmail.com
28	ankit	malkapur	9405768999	COMP	ankit@gmail.com

+-----+-----+-----+-----+-----+-----+

6 rows in set (0.00 sec)

mysql> create table placement(rollno int,branch long,c_name varchar(255),p_offered int);
Query OK, 0 rows affected (0.02 sec)

mysql> insert into placement values(1,"COMP","ASSENTURE",45000);
Query OK, 1 row affected (0.00 sec)

mysql> insert into placement values(3,"IT","TCS",80000);
Query OK, 1 row affected (0.00 sec)

mysql> insert into placement values(35,"AIDS","VIPRO",75000);
Query OK, 1 row affected (0.00 sec)

mysql> select * from placement;

rollno	branch	c_name	p_offered
1	COMP	ASSENTURE	45000
3	IT	TCS	80000
35	AIDS	VIPRO	75000

+-----+-----+-----+-----+

3 rows in set (0.00 sec)

mysql> delimiter \$\$

mysql> create procedure p1()

-> begin

-> select * from student;

-> end;

-> \$\$

Query OK, 0 rows affected (0.01 sec)

mysql> call p1();

-> \$\$

rollno	sname	addr	mno	branch	email
1	ismail	tambenagar	9405768903	IT	ismail@gmail.com
3	meghraj	sharadanagar	9405768945	IT	MEGHRAJ@gmail.com
35	varad	vaibhavwadi	9405768789	AIDS	varad@gmail.com
74	ajinkya	taradgaon	9405768798	MECH	ajinkya@gmail.com
47	rachit	akot	9405768879	ENTC	rachit@gmail.com
28	ankit	malkapur	9405768999	COMP	ankit@gmail.com

+-----+-----+-----+-----+-----+-----+

6 rows in set (0.00 sec)

Query OK, 0 rows affected (0.00 sec)

```
mysql> create procedure p3() begin select s.branch,s.sname,p.p_offered from student s inner join  
placement p on s.rollno=p.rollno; end;$$  
Query OK, 0 rows affected (0.00 sec)
```

```
mysql> call p3();
```

```
-> $$
```

```
+-----+-----+-----+  
| branch | sname  | p_offered |  
+-----+-----+-----+  
| IT     | ismail | 45000    |  
| IT     | meghraj | 80000    |  
| AIDS   | varad  | 75000    |  
+-----+-----+-----+  
3 rows in set (0.00 sec)
```

```
Query OK, 0 rows affected (0.00 sec)
```

```
mysql>
```