

QUESTION NO 19 [CHEATS DBMS]

Q.19 Design College database with three entities

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

teacher(id,name,sub_taught,qualification,designation,salary)

Placements(rollno,branch,placedstudent_name,company_name,package_offered)

a)create PL/SQL explicit cursor which will display student name, branch

ANSWER :-

Enter password: *****

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

Your MySQL connection id is 26

Server version: 8.0.36 MySQL Community Server - GPL

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

```
mysql> show databases;
```

```
+-----+
```

```
| Database      |
```

```
+-----+
```

```
| cheat5        |
```

```
| college       |
```

```
| information_schema |
```

```
| member        |
```

```
| mysql         |
```

```
| performance_schema |
| sakila             |
| student            |
| sys                |
| test               |
| world              |
+-----+
11 rows in set (0.01 sec)
```

```
mysql> use college;
```

```
Database changed
```

```
mysql> show tables;
```

```
+-----+
| Tables_in_college |
+-----+
| customer          |
| customer1         |
| customers         |
| employee          |
| message           |
| old_employee      |
| orders            |
| placement         |
| result            |
| retire            |
| sal_cal           |
| student1          |
| teacher           |
+-----+
13 rows in set (0.01 sec)
```

```
mysql> select * from student1;
```

```
+-----+-----+-----+-----+-----+-----+-----+-----+
| rollno | sname  | address | mobileno | branch | emailadd          | marks | age |
Admission_date |
+-----+-----+-----+-----+-----+-----+-----+-----+
| 3 | raviraj | shardanagar | 9405060708 | comp | meghrajbhosale@gmail.com | 99 | NULL |
2023-07-14 |
| 5 | Ankit | malkapur | 8010112818 | COMP | ankitbharambe@gmail.com | 98 | NULL |
2023-07-18 |
| 15 | pravin | solapur | 9449944949 | IT | prrathod@gmail.com | 72 | NULL | 2023-
07-28 |
| 16 | rushikesh | pandharpur | 9449944994 | IT | rushikeshW@gmail.com | 79 | NULL |
2023-07-22 |
| 37 | varad | vaibhavvadi | 9494949494 | AIDS | varadb@gmail.com | 89 | NULL |
2023-07-20 |
+-----+-----+-----+-----+-----+-----+-----+-----+
```

```
5 rows in set (0.00 sec)
```

```
mysql> select * from placement;
```

```
+-----+-----+-----+-----+-----+
| rollno | branch | placedstudentname | companyname | packageoffered |
+-----+-----+-----+-----+-----+
| 3 | IT | meghraj | TCS | 500000 |
| 37 | AIDS | varad | TCS | 1000000 |
| 27 | mech | ajinkya | mahindra | 700000 |
| 48 | ENTC | rachit | vipro | 750000 |
| 75 | IT | ismail | cognizant | 750000 |
+-----+-----+-----+-----+-----+
```

```
5 rows in set (0.00 sec)
```

```
mysql> select * from teacher;
```

```
+-----+-----+-----+-----+-----+
| id | name | sub_tought | qualification | designation | salary |
+-----+-----+-----+-----+-----+
```

4	bhagawat sir	PA AND OOP	PHD	PROFESSOR	80000
5	kokare mam	DBMS	ME	ASS.PROFESSOR	75000
7	jadhav sir	M3	ME	ASS.PROFESSOR	70000
8	sakhare mam	SE AND BCN	ME	ASS.PROFESSOR	75000

4 rows in set (0.01 sec)

mysql> delimiter \$\$

mysql> create procedure p12()

```

-> begin
-> declare n varchar(50);
-> declare b varchar(50);
-> declare c1 cursor for select sname,branch from student1;
-> open c1;
-> aa: loop
-> fetch c1 into n,b;
-> select n,b;
-> end loop aa;
-> end;
->
-> $$

```

Query OK, 0 rows affected (0.01 sec)

mysql> call p12();

-> \$\$

n	b
raviraj	comp

1 row in set (0.00 sec)

```
+-----+-----+
| n      | b      |
+-----+-----+
| Ankit  | COMP   |
+-----+-----+
1 row in set (0.01 sec)
```

```
+-----+-----+
| n      | b      |
+-----+-----+
| pravin | IT     |
+-----+-----+
1 row in set (0.01 sec)
```

```
+-----+-----+
| n      | b      |
+-----+-----+
| rushikesh | IT   |
+-----+-----+
1 row in set (0.01 sec)
```

```
+-----+-----+
| n      | b      |
+-----+-----+
| varad  | AIDS   |
+-----+-----+
1 row in set (0.01 sec)
```

mysql>