

QUESTION NO 20 [CHEATS DBMS]

**Q.20 Design College database with three entities**

**Teacher(id,name,sub\_taught,qualification,designation,salary)**

**a)create PL/SQL cursor which will display name with highest salary**

**answer :-**

Enter password: \*\*\*\*\*

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

Your MySQL connection id is 29

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 (0.03 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           |
| student           |
| student1          |
| student_audit     |
| students          |

```

```
| teacher      |
```

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

16 rows in set (0.01 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 (0.00 sec)

```
mysql> delimiter $$
```

```
mysql> create procedure p22()
```

```
-> begin
```

```
-> declare s int;
```

```
-> declare n varchar(50);
```

```
-> select max(salary) into s from teacher;
```

```
-> select name into n from teacher where salary=s;
```

```
-> select n;
```

```
-> end;
```

```
-> $$
```

Query OK, 0 rows affected (0.01 sec)

```
mysql> call p22();
```

```
-> $$
```

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

```
| n      |
```

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

| bhagawat sir |

+-----+

1 row in set (0.00 sec)

Query OK, 0 rows affected (0.01 sec)