DBMS Assignment

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11CSS-59

5th Semester

```
create procedure eskill()
begin
declare f int default 1;
declare skill varchar(15);
declare name varchar(10);
declare str varchar(500) default "";
declare str1 varchar(500) default "";
declare str2 varchar(500) default "";
declare name1 varchar(20) default "";
declare cur cursor for select e.name,s.skill from employee159 as
e,skill159 as s where e.empno=s.empno order by e.name;
declare continue handler for not found set f=0;
open cur;
myloop:loop
if f=0 then
leave myloop;
end if;
fetch cur into name,skill;
if name=name1 then
set str="";
else
set str2=concat(str2,"\n",str1);
set str1="";
set str1=concat(str1,"\n",name," ");
end if;
set name1=name;
set str1=concat(str1,"",skill,",");
end loop;
set str2=concat(str2,"\n",str1);
select str2;
close cur;
```

end#

```
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that
corresponds to your MySQL server version for the right syntax to use near 'end'
at line 1
mysql> delimiter #
mysql> create procedure eskill()
    -> begin
    -> declare f int default 1;
    -> declare skill varchar(15);
    -> declare name varchar(10);
    -> declare str varchar(500) default "";
    -> declare str1 varchar(500) default "";
    -> declare str2 varchar(500) default "";
    -> declare name1 varchar(20) default "";
    -> declare cur cursor for select e.name,s.skill from employee159 as e,skill1
59 as s where e.empno=s.empno order by e.name;
    -> declare continue handler for not found set f=0;
    -> open cur;
    -> myloop:loop
    -> if f=0 then
    -> leave myloop;
    -> end if;
    -> fetch cur into name,skill;
    -> if name=name1 then
    -> set str="";
    -> else
    -> set str2=concat(str2,"\n",str1);
    -> set str1="";
    -> set str1=concat(str1,"\n",name," ");
    -> end if;
    -> set name1=name;
    -> set str1=concat(str1,"",skill,",");
    -> end loop;
    -> set str2=concat(str2,"\n",str1);
    -> select str2;
    -> close cur;
    -> end#
Query OK, 0 rows affected (0.08 sec)

mysql>
```

```
mysql> select * from skill159;
+-------+--------+
| empno | skill  |
+-------+--------+
|     1 | python |
|     1 | ruby   |
|     2 | c#     |
|     3 | c++    |
|     3 | c      |
|     4 | java   |
|     5 | django |
|     5 | ruby   |
|     6 | php    |
|     6 | html   |
|     7 | html   |
|     7 | css    |
|     8 | c      |
|     9 | c++    |
|     9 | c#     |
+-------+--------+
15 rows in set (0.00 sec)

mysql> select * from employee159;
+-------+----------+--------+------------+------------+-------+------------+------
--------+---------+-------------+
| empno | name     | deptno | job        | hiredate   | sal   | commission | dob
        | city    | phone       |
+-------+----------+--------+------------+------------+-------+------------+------
--------+---------+-------------+
|     1 | rajiv    |      1 | accountant | 2011-09-18 | 20000 |       2000 | 198
5-11-21 | delhi   | 4378128745  |
|     2 | sunita   |      2 | sale       | 2011-08-18 | 15000 |       1000 | 198
5-09-28 | mumbai  | 2234894312  |
|     3 | sumit    |      2 | sale       | 2012-08-18 |  8000 |        500 | 198
5-09-28 | delhi   | 8834894312  |
|     4 | raj      |      1 | accountant | 2008-04-07 | 23000 |       1050 | 198
2-03-21 | pune    | 7689054673  |
|     5 | sneha    |      1 | accountant | 2008-04-07 | 23000 |       1050 | 198
3-03-08 | bhopal  | 7649820678  |
|     6 | gurpreet |      2 | sale       | 2008-04-07 | 20000 |       1000 | 198
2-03-08 | kanpur  | 9876543210  |
|     7 | ramu     |      3 | clerk      | 2011-11-02 |  6000 |        500 | 197
8-09-16 | barot   | 4567876543  |
|     8 | shiva    |      1 | clerk      | 2011-09-07 |  5000 |        500 | 198
2-12-30 | jaipur  | 7890655678  |
|     9 | suresh   |      1 | clerk      | 2011-09-07 |  5000 |        500 | 198
2-04-23 | jaipur  | 9990655678  |
+-------+----------+--------+------------+------------+-------+------------+------
--------+---------+-------------+
9 rows in set (0.00 sec)

mysql>
```

```
                      - tmat
Query OK, 0 rows affected (0.08 sec)

mysql> call eskill;
    -> #
+------------------------------------------------------------------
------------------------------------------------------------------
| str2

+------------------------------------------------------------------
------------------------------------------------------------------
|

gurpreet php,html,

raj java,

rajiv python,ruby,

ramu html,css,

shiva c,

sneha django,ruby,

sumit c++,c,

sunita c#,

suresh c++,c#,c#, |
+------------------------------------------------------------------
------------------------------------------------------------------
1 row in set (0.05 sec)

Query OK, 0 rows affected (0.05 sec)

mysql>
```