

Ex= 18 Create a function that returns the level of a customer based on credit limit.(Use the IF statement to determine the credit limit).

```
mysql> DELIMITER //
mysql> CREATE FUNCTION CustomerLevel(p_CREDITLIMIT INT) RETURNS VARCHAR(10)
  -> DETERMINISTIC
  -> BEGIN
  -> DECLARE lvl VARCHAR(10);
  -> IF p_CREDITLIMIT > 50000 THEN
  -> SET lvl = 'PLATINUM';
  -> ELSEIF (p_CREDITLIMIT <= 50000 AND p_CREDITLIMIT >= 10000) THEN
  -> SET lvl = 'GOLD';
  -> ELSEIF p_CREDITLIMIT < 10000 THEN
  -> SET lvl = 'SILVER';
  -> END IF;
  -> RETURN (lvl);
  -> END
  -> //
Query OK, 0 rows affected (0.00 sec)

mysql> SELECT NAME, CustomerLevel(CREDITLIMIT)
  -> FROM CUSTOMER
  -> ORDER BY NAME
  -> //
ERROR 1054 (42S22): Unknown column 'NAME' in 'field list'
mysql> SELECT CNAME, CustomerLevel(CREDITLIMIT)
  -> FROM CUSTOMER
  -> ORDER BY NAME
  -> //
ERROR 1054 (42S22): Unknown column 'NAME' in 'order clause'
mysql> SELECT CNAME, CustomerLevel(CREDITLIMIT) FROM CUSTOMER ORDER BY CNAME//
+-----+-----+
| CNAME  | CustomerLevel(CREDITLIMIT) |
+-----+-----+
| DINESH | GOLD                        |
| NAGENDRA | PLATINUM                    |
| RAJA   | GOLD                        |
| RAMU   | SILVER                       |
+-----+-----+
4 rows in set (0.00 sec)
```