14.Simple programming exercise using (CASE and LOOP)

Write a function that uses CASE statement where if monthly_value is equal to or less than 4000,thenincome level wl be set to 'Low Income'. If monthly_value is equal to or less than 5000, then income_level will be set to 'Avg Income'. Otherwise, income_levelwill be set to 'High Income'.

ANS:-

```
mysql> DELIMITER //
mysql>
mysql> CREATE FUNCTION get_income_level(monthly_value DECIMAL(10,2))
    -> RETURNS VARCHAR(50)
    -> BEGIN
    ->    DECLARE income_level VARCHAR(50);
    ->
    ->    SET income_level = CASE
    ->      WHEN monthly_value <= 4000 THEN 'Low Income'
    ->      WHEN monthly_value <= 5000 THEN 'Avg Income'
    ->      ELSE 'High Income'
    ->    END;
    ->
    ->    RETURN income_level;
    -> END//
Query OK, 0 rows affected (0.10 sec)

mysql>
mysql> DELIMITER ;
mysql> SELECT get_income_level(3500);
+------------------------+
| get_income_level(3500) |
+------------------------+
| Low Income             |
+------------------------+
1 row in set (0.00 sec)
```