

```
mysql> CREATE FUNCTION IncomeLevel ( monthly_value INT )
-> RETURNS varchar(20)
->
-> BEGIN
->
->     DECLARE income_level varchar(20);
->
->     CASE monthly_value
->         WHEN 4000 THEN
->             SET income_level = 'Low Income';
->
->         WHEN 5000 THEN
->             SET income_level = 'Avg Income';
->
->         ELSE
->             SET income_level = 'High Income';
->     END CASE;
->
->     RETURN income_level;
->
-> END; //
```

Query OK, 0 rows affected (0.01 sec)

```
mysql> SELECT INCOMELEVEL(5300); //
```

| INCOMELEVEL(5300) |
|-------------------|
| High Income       |

1 row in set (0.00 sec)

```

mysql> CREATE FUNCTION CALCINCOME2 ( starting_value INT )
-> RETURNS INT
->
-> BEGIN
->
->     DECLARE income INT;
->
->     SET income = 0;
->
->     label1: LOOP
->         SET income = income + starting_value;
->         IF income < 4000 THEN
->             ITERATE label1;
->         END IF;
->         LEAVE label1;
->     END LOOP label1;
->
->     RETURN income;
->
-> END; //

```

Query OK, 0 rows affected (0.00 sec)

```

mysql> SELECT CALCINCOME2(2100);
-> //

```

```

+-----+
| CALCINCOME2(2100) |
+-----+
|                4200 |
+-----+

```

1 row in set (0.00 sec)