Exp-no:11

```
mysql> DELIMITER $$
mysql> CREATE FUNCTION REPEAT_DEMO(INC INT)
    -> RETURNS CHAR(40)
    -> DETERMINISTIC
    -> BEGIN
    -> DECLARE INCOME INT;
    -> SET INCOME=0;
    -> REPEAT
    -> SET INCOME=INCOME+INC;
    -> UNTIL INCOME>4000
    -> END REPEAT;
    -> RETURN "INCOME>4000 DETECTED";
    -> END;
    -> $$
Query OK, 0 rows affected (0.01 sec)

mysql> SELECT REPEAT_DEMO(3000);$$
+---------------------+
| REPEAT_DEMO(3000)   |
+---------------------+
| INCOME>4000 DETECTED |
+---------------------+
1 row in set (0.00 sec)

mysql> SELECT REPEAT_DEMO(4000);$$
+---------------------+
| REPEAT_DEMO(4000)   |
+---------------------+
| INCOME>4000 DETECTED |
+---------------------+
1 row in set (0.00 sec)
```

```
mysql> DELIMITER $$
mysql> CREATE FUNCTION WHILE_DEMO(VALUE CHAR(1))
    -> RETURNS CHAR(20)
    -> DETERMINISTIC
    -> BEGIN
    -> DECLARE STR CHAR(100);
    -> DECLARE I INT;
    -> SET STR='';
    -> SET I=1;
    -> LABEL:
    -> WHILE I<=5 DO
    -> SET STR =CONCAT(STR,VALUE);
    -> SET I=I+1;
    -> END WHILE LABEL;
    -> RETURN STR;
    -> END;
    -> $$
Query OK, 0 rows affected (0.02 sec)

mysql> SELECT WHILE_DEMO('A');$$
+----------------+
| WHILE_DEMO('A') |
+----------------+
| AAAAA          |
+----------------+
1 row in set (0.01 sec)
```