

Program :-1

```
mysql> CREATE PROCEDURE test_mysql_while_loop()
-> BEGIN
-> DECLARE x INT;
-> DECLARE str VARCHAR(255);
->
-> SET x = 1;
-> SET str = '';
->
-> WHILE x <= 5 DO
-> SET str = CONCAT(str,x,',');
-> SET x = x + 1;
-> END WHILE;
->
-> SELECT str;
-> END
-> //
```

Query OK, 0 rows affected (0.00 sec)

```
mysql> CALL test_mysql_while_loop() //
```

```
+-----+
| str   |
+-----+
| 1,2,3,4,5, |
+-----+
```

1 row in set (0.00 sec)

Query OK, 0 rows affected (0.00 sec)

Program :-2

```
mysql> CREATE PROCEDURE dorepeat(p1 INT) BEGIN SET @x=0; REPEAT SET @x=@x+1; UNTIL @x>p1 END REPEAT; END//
```

Query OK, 0 rows affected (0.01 sec)

```
mysql> CALL dorepeat(4001) //
```

Query OK, 0 rows affected (0.03 sec)

```
mysql> SELECT @x;
```

```
-> //
```

```
+-----+
| @x   |
+-----+
| 4002 |
+-----+
```

1 row in set (0.00 sec)

**RESULT:** Thus the Simple programming exercise using (REPEAT, WHILE ) executed successfully.