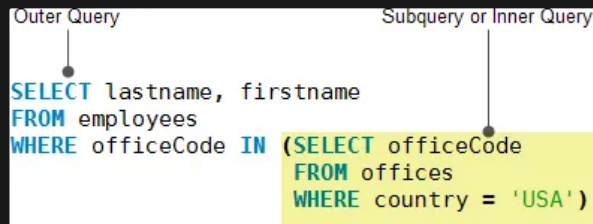




SUBQUERY va EXISTS



```
SELECT customerNumber, checkNumber, amount FROM payments WHERE amount > (SELECT AVG
(amount) FROM payments); SELECT MAX(items), MIN(items), FLOOR(AVG(items)) FROM (SEL
ECT orderNumber, COUNT(orderNumber) AS items FROM orderdetails GROUP BY orderNumbe
r) AS lineitems; SELECT productname, buyprice FROM products p1 WHERE buyprice > (SE
LECT AVG(buyprice) FROM products WHERE productline = p1.productline)
```

<https://www.w3resource.com/mysql/subqueries/index.php> shu linkda batafsil

EXISTS

```
SELECT select_list FROM a_table WHERE [NOT] EXISTS(subquery); SELECT customerNumbe
r, customerName FROM customers WHERE EXISTS( SELECT 1 FROM orders WHERE orders.cust
omernumber = customers.customerNumber); SELECT customerNumber, customerName FROM cu
stomers WHERE NOT EXISTS( SELECT 1 FROM orders WHERE orders.customerNumber = custom
ers.customerNumber );
```

UPDATE EXISTS

SQL

Copy

```
SELECT employeeNumber, firstname, lastname, extension FROM employees WHERE EXISTS(
SELECT 1 FROM offices WHERE city = 'San Francisco' AND offices.officeCode = employe
es.officeCode); +-----+-----+-----+-----+ | employeeenu
mber | firstname | lastname | extension | +-----+-----+-----+
+-----+ | 1002 | Diane | Murphy | x5800 | | 1056 | Mary | Patterson | x4611 |
| 1076 | Jeff | Firrelli | x9273 | | 1143 | Anthony | Bow | x5428 | | 1165 | Leslie
| Jennings | x3291 | | 1166 | Leslie | Thompson | x4065 | +-----+
+-----+-----+ Endi shu chiqqan natijadagi ma'lumotlarni o'zgartiram
iz UPDATE employees SET extension = CONCAT(extension, '1') WHERE EXISTS( SELECT 1 F
ROM offices WHERE city = 'San Francisco' AND offices.officeCode = employees.officeC
ode); +-----+-----+-----+-----+ | employeeNumber | fir
stname | lastname | extension | +-----+-----+-----+
--+ | 1002 | Diane | Murphy | x58001 | | 1056 | Mary | Patterson | x46111 | | 1076
| Jeff | Firrelli | x92731 | | 1143 | Anthony | Bow | x54281 | | 1165 | Leslie | Je
nnings | x32911 | | 1166 | Leslie | Thompson | x40651 | +-----+
+-----+-----+
```