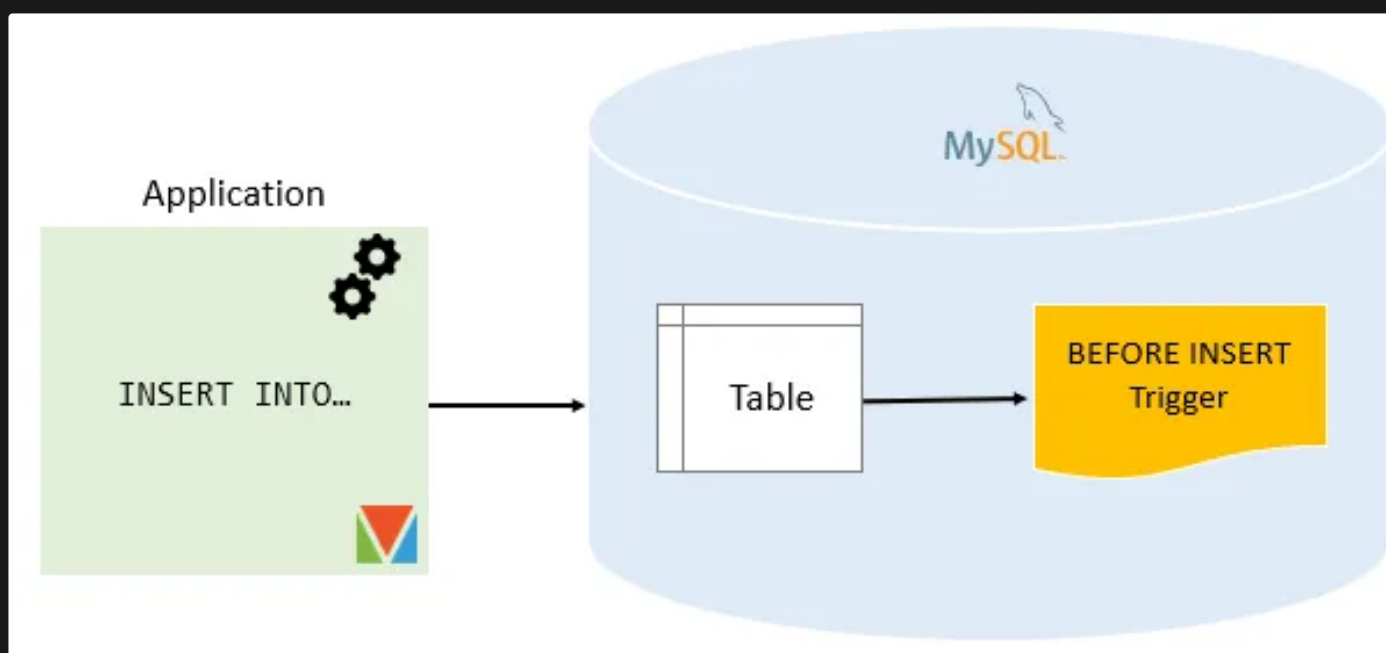




BEFORE | AFTER INSERT

BEFORE INSERT

Jadvalga biror yangi qator qo'shilishidan oldin BEFORE INSERT triggeri ishga tushadi.



```
Qolip: DELIMITER $$ CREATE TRIGGER trigger_name BEFORE INSERT ON  
table_name FOR EACH ROW BEGIN -- statements END$$ DELIMITER ;
```

BEFORE INSERT triggerida, **NEW** qiymatlardan foydalanish va ularni o'zgartirish mumkin. Ammo **OLD** qiymatlarga bunday huquq yo'q, chunki **OLD** qiymatlar mavjud emas.

Misolda ko'ramiz: Products jadvalida har bir produktdan nechtdan skladda borligi ko'rsatilgan. Agar mijoz qaysidir produktdan sotib olsa, skladda ham shuncha kamayishi kerak. Endi alohida jadval hosil qilamiz va shunga yozib boramiz.


```
CREATE TABLE ostatka ( id INT AUTO_INCREMENT PRIMARY KEY, product
Number VARCHAR(11) NOT NULL, soni INT NOT NULL ); DROP TRIGGER IF
EXISTS ostatka_produk_trigger; DELIMITER $$ CREATE TRIGGER ostat
ka_produk_trigger BEFORE INSERT ON orderdetails FOR EACH ROW BEG
IN DECLARE rowcount INT; DECLARE jami INT DEFAULT 0; SELECT COUNT
(*) INTO rowcount FROM ostatka where productNumber = new.productC
ode; SELECT quantityInStock into jami from products where product
Code = new.productCode; IF rowcount > 0 THEN UPDATE ostatka SET s
oni = soni - new.quantityOrdered; ELSE INSERT INTO ostatka (produ
ctNumber, soni) VALUES (new.productCode, jami-new.quantityOrdere
d); END IF; END $$ DELIMITER ;
```

Endi `"orderdetails"` jadvaliga yangi ma'lumot tushadigan bo'lsa ushbu trigger ishga tushadi.

Heading 3

AFTER INSERT

PHP

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```
CREATE TABLE members ( id INT AUTO_INCREMENT, name VARCHAR(100) N
OT NULL, email VARCHAR(255), birthDate DATE, PRIMARY KEY (id) );
// reminders jadvali CREATE TABLE reminders ( id INT AUTO_INCREME
NT, memberId INT, message VARCHAR(255) NOT NULL, PRIMARY KEY (id
, memberId) ); // AFTER INSERT trigger hosil qilamiz DELIMITER $$
CREATE TRIGGER after_members_insert AFTER INSERT ON members FOR E
ACH ROW BEGIN IF NEW.birthDate IS NULL THEN INSERT INTO reminders
(memberId, message) VALUES(new.id,CONCAT('Hi ', NEW.name, ', plea
se update your date of birth.')); END IF; END$$ DELIMITER ; // me
mbers jadvaliga ma'lumot qo'shamiz INSERT INTO members(name, emai
l, birthDate) VALUES ('John Doe', 'john.doe@example.com', NULL),
('Jane Doe', 'jane.doe@example.com', '2000-01-01');
```