

Connection Code:

Cd\

Cd xampp

Cd mysql

Cd bin

Mysql -u root -p

Step 1: Create the "Items" table:

Syntax:

Output:

Field	Type	Null	Key	Default	Extra
ItemID	int(11)	NO	PRI	NULL	
ItemName	varchar(50)	YES		NULL	
InventoryLevel	int(11)	YES		NULL	
MinimumLevel	int(11)	YES		NULL	

Step 2: Insert sample data:

Syntax:

Output:

ItemID	ItemName	InventoryLevel	MinimumLevel
1	Item A	10	5
2	Item B	8	6
3	Item C	15	10

Step 3: Create the "Orders" table:

Syntax:

Output:

Field	Type	Null	Key	Default	Extra
OrderID	int(11)	NO	PRI	NULL	auto_increment
itemID	int(11)	YES		NULL	
Quantity	int(11)	YES		NULL	
orderdate	date	YES		NULL	

Step 4: Create the trigger:

Syntax:

Step 5: Update inventory levels:

Syntax:

--item A falls below minimum level

Output:

ItemID	ItemName	InventoryLevel	MinimumLevel
1	Item A	3	5
2	Item B	8	6
3	Item C	15	10

Syntax:

--item B remains above minimum level

Output:

ItemID	ItemName	InventoryLevel	MinimumLevel
1	Item A	3	5
2	Item B	4	6
3	Item C	15	10

Step 6: Check the "Orders" table:

Syntax:

Output:

OrderID	itemID	Quantity	orderdate
1	1	2	2026-01-12
2	2	2	2026-01-12