### 63102105112 นายอัครพล พิกุลศรี

รหัสวิชา **14122306** 

ชื่อวิชา(ไทย) การเขียนโปรแกรมขั้นสูง

ชื่อวิชา(อังกฤษ) Advanced Computer Programming

อาจารย์ สุรสิทธิ์ อุ้ยปัญญาวงศ์

#### Stock Fruit Databse

อ้างอิง ราคาผลไม้ ต่าง ๆจาก

เว็บ ตลาดไท

https://talaadthai.com/product-search/result?subcat\_id=7324&per\_page=30&page=1

### github repository ของงาน

<u>Computer-Science/Week14/Work\_Database at Advance-Programming · lacakp/Computer-Science (github.com)</u>

## Database plan:

db\_fruit

tb fruit

ID (3)

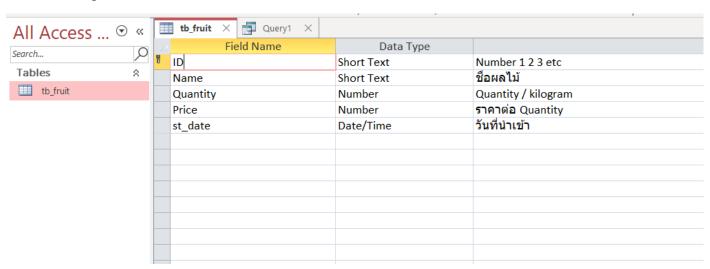
Name varchar (30)

Quantity int (1000)

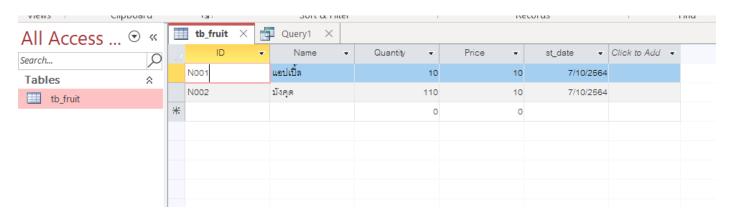
Price int(10000)

Date (date/time)

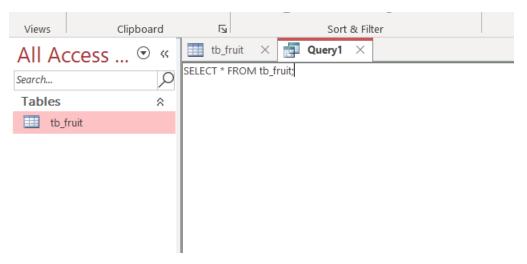
## **Databse Design**



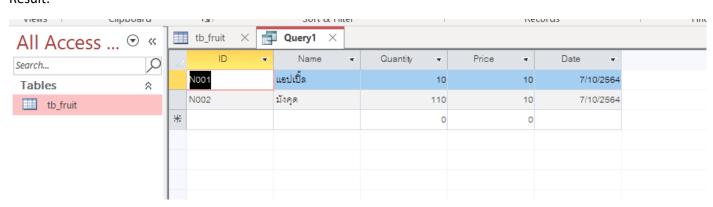
## เพิ่มข้อมูล 2 record ในตอนแรก



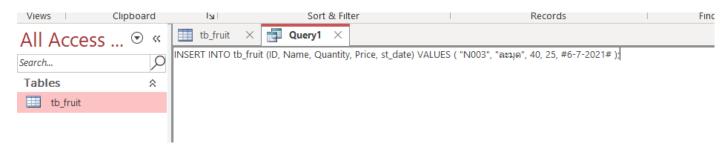
# SELECT \* FROM tb\_fruit;



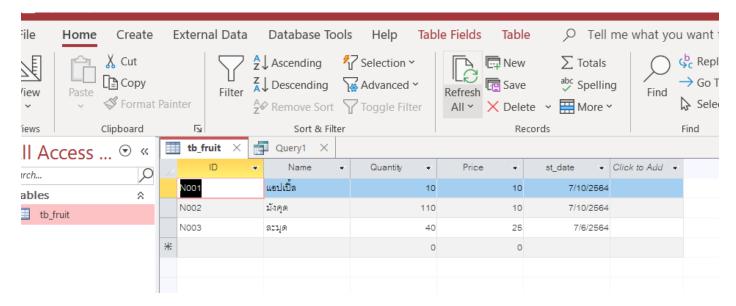
## Result:



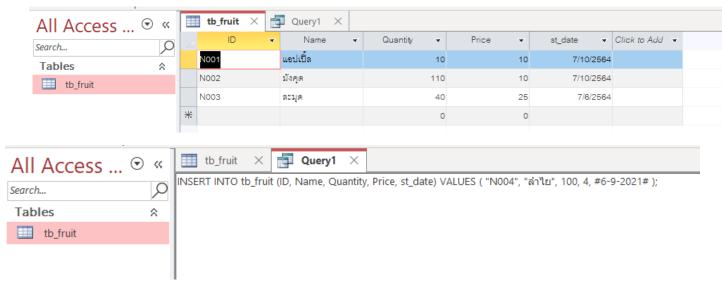
2. INSERT INTO tb\_fruit (ID, Name, Quantity, Price, st\_date) VALUES ( "N003", "ละมุด", 40, 25, #6-7-2021# );

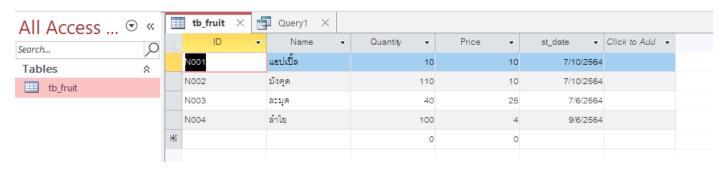


## Result:

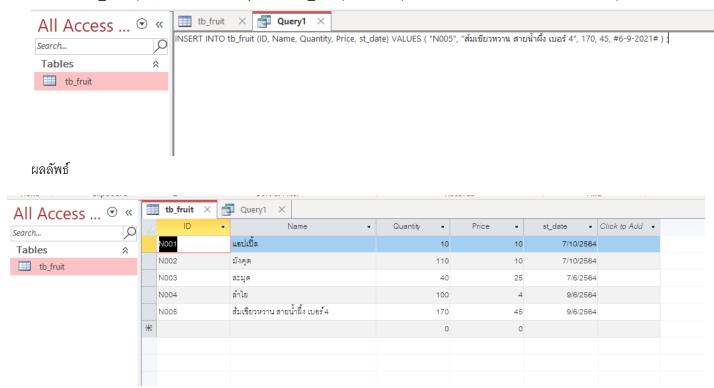


3. INSERT INTO tb\_fruit (ID, Name, Quantity, Price, st\_date) VALUES ( "N004", "ลำไย", 100, 4, #6-9-2021# );

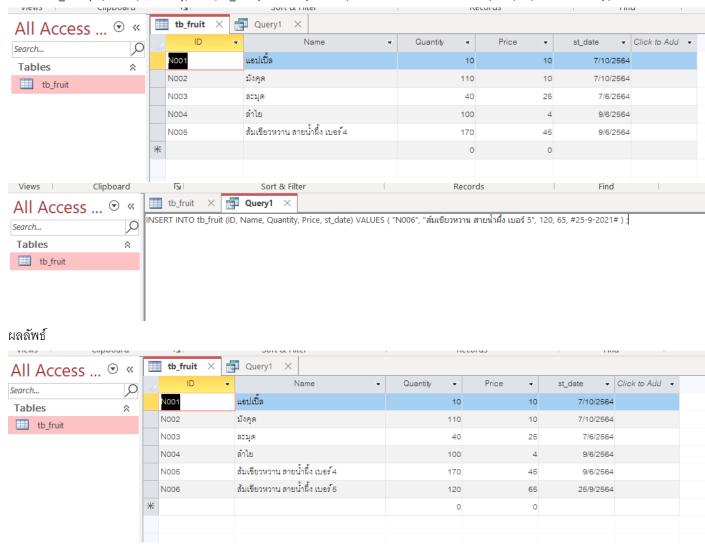




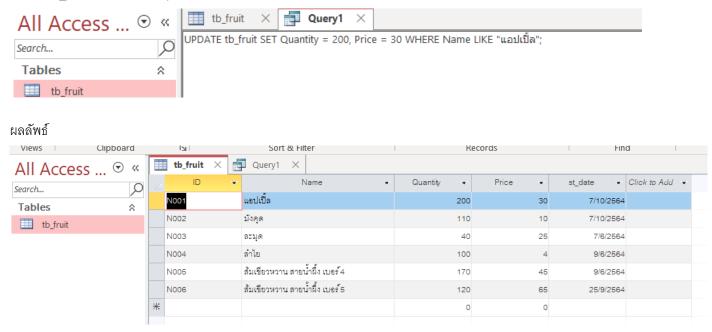
4. INSERT INTO tb\_fruit (ID, Name, Quantity, Price, st\_date) VALUES ( "N004", "ดำไย", 100, 4, #6-9-2021# );



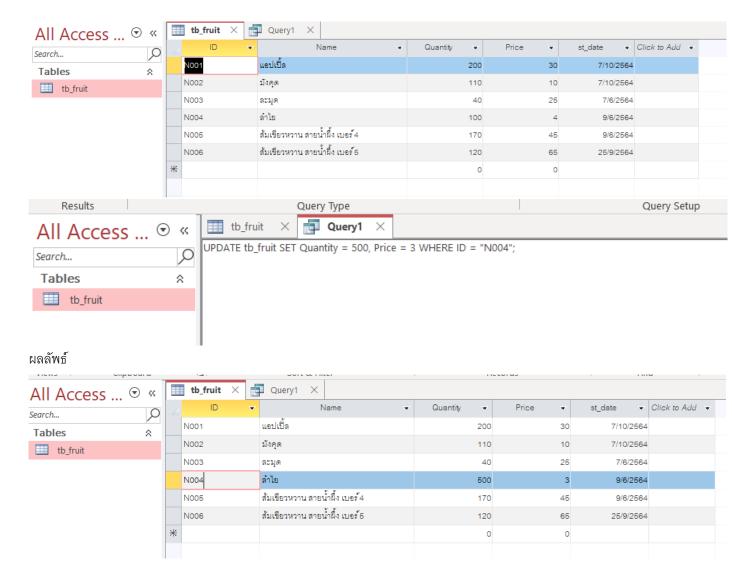
5. INSERT INTO tb\_fruit (ID, Name, Quantity, Price, st\_date) VALUES ( "N006", "ส้มเขียวหวาน สายน้ำผึ้ง เบอร์ 5", 120, 65, #25-9-2021# ) ;



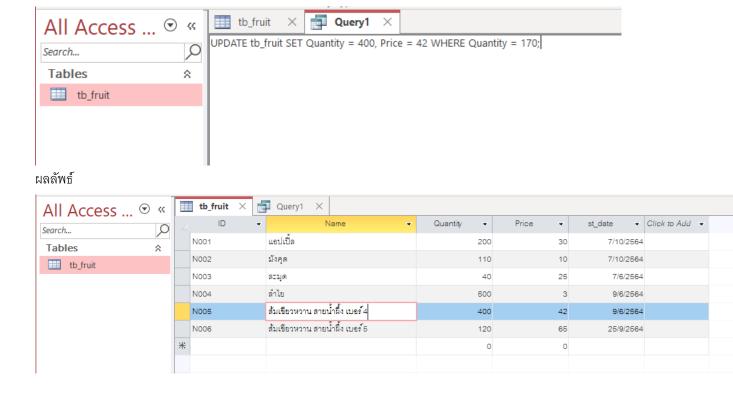
6. UPDATE tb\_fruit SET Quantity = 200, Price = 30 WHERE Name LIKE "แอปเปิ้ล";



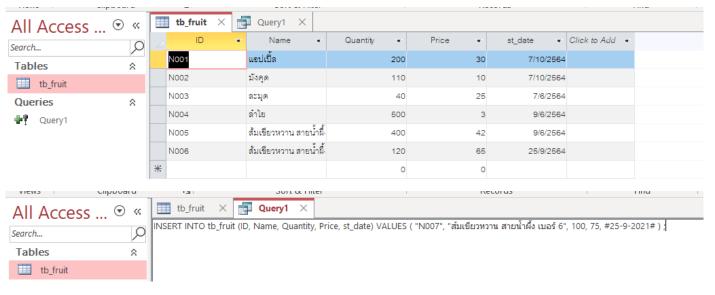
7. UPDATE tb\_fruit SET Quantity = 500, Price = 3 WHERE ID = "N004";

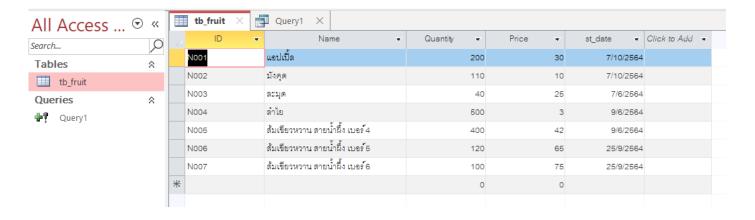


8. UPDATE tb\_fruit SET Quantity = 400, Price = 42 WHERE Quantity = 170;

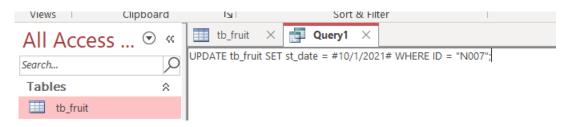


9. INSERT INTO tb\_fruit (ID, Name, Quantity, Price, st\_date) VALUES ( "N007", "ส้มเขียวหวาน สายน้ำผึ้ง เบอร์ 6", 100, 75, #25-9-2021# ) ;

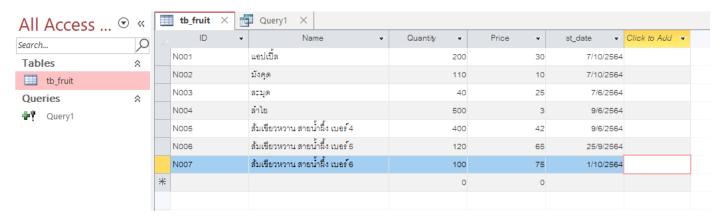




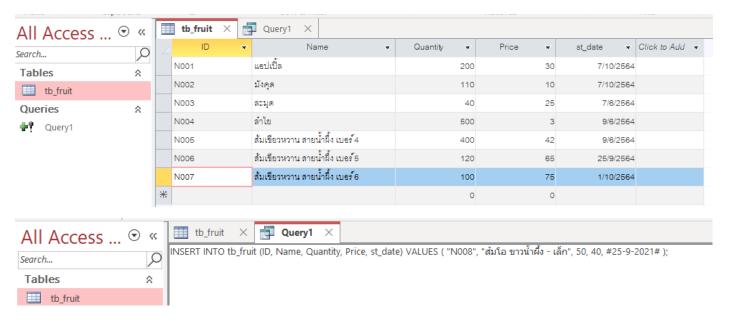
10. UPDATE tb fruit SET st date = #10/1/2021# WHERE ID = "N007";

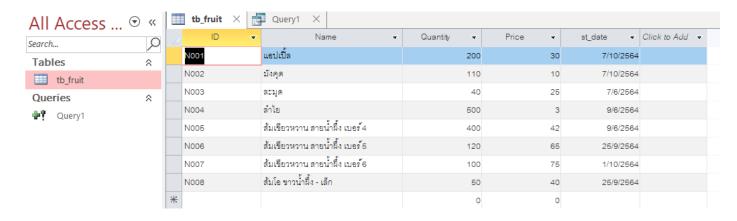


ผลลัพก์

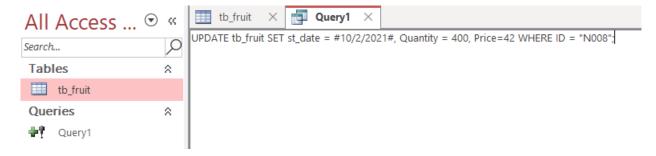


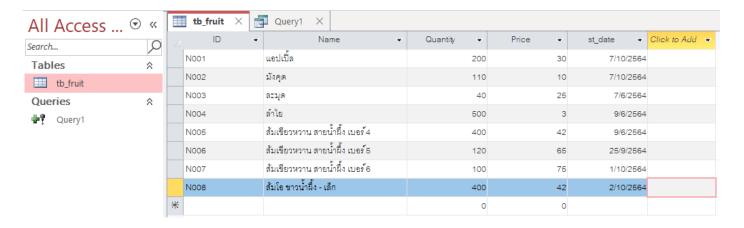
11. INSERT INTO tb\_fruit (ID, Name, Quantity, Price, st\_date) VALUES ( "N008", "ส้มโอ ขาวน้ำผึ้ง - เล็ก", 50, 40, #25-9-2021# );



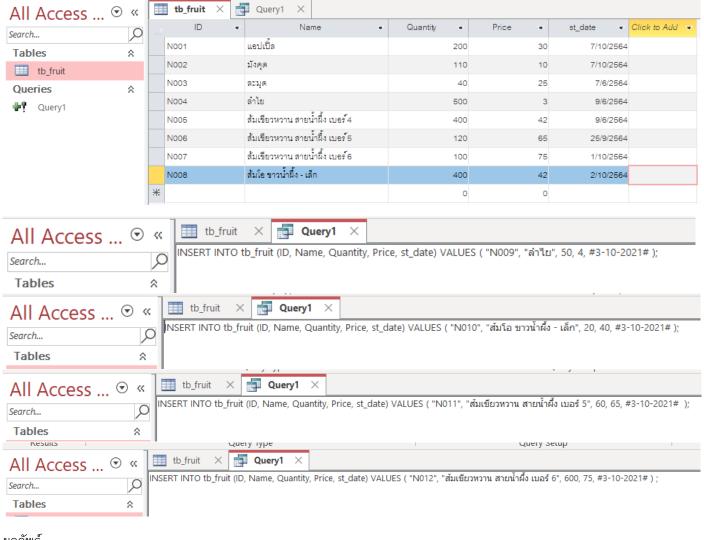


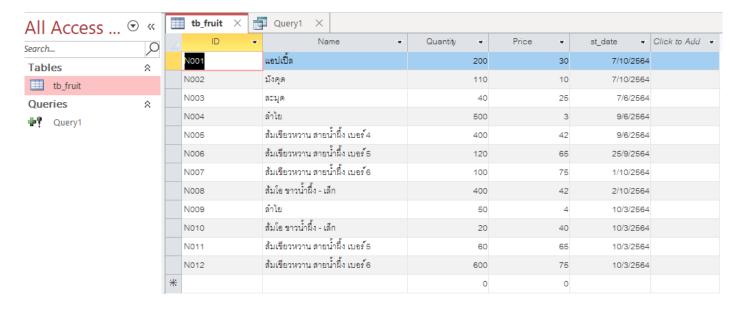
12. UPDATE tb\_fruit SET st\_date = #10/2/2021#, Quantity = 400, Price=42 WHERE ID = "N008";



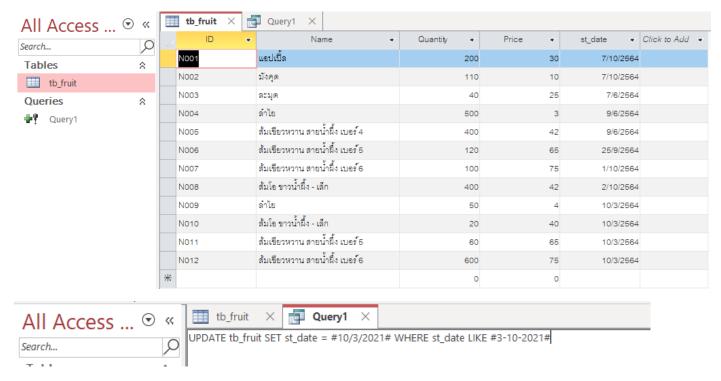


- 13. INSERT INTO tb fruit (ID, Name, Quantity, Price, st date) VALUES ( "N009", "คำไย", 50, 4, #3-10-2021# );
- INSERT INTO tb\_fruit (ID, Name, Quantity, Price, st\_date) VALUES ( "N010", "ส้มโอ ขาวน้ำผึ้ง เล็ก", 20, 40, #3-10-2021# );
- INSERT INTO tb\_fruit (ID, Name, Quantity, Price, st\_date) VALUES ( "N011", "ส้มเขียวหวาน สายน้ำผึ้ง เบอร์ 5", 60, 65, #3-10-2021# );
- INSERT INTO tb\_fruit (ID, Name, Quantity, Price, st\_date) VALUES ( "N012", "ส้มเขียวหวาน สายน้ำผึ้ง เบอร์ 6", 600, 75, #3-10-2021# ) ;

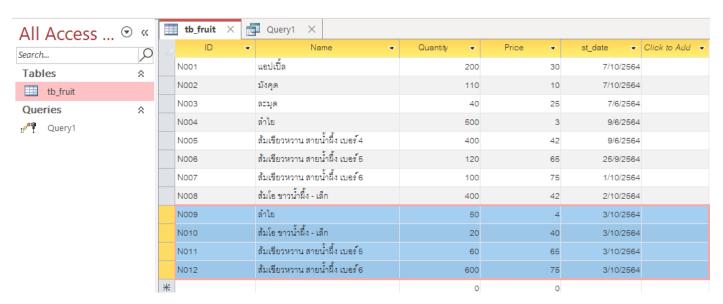




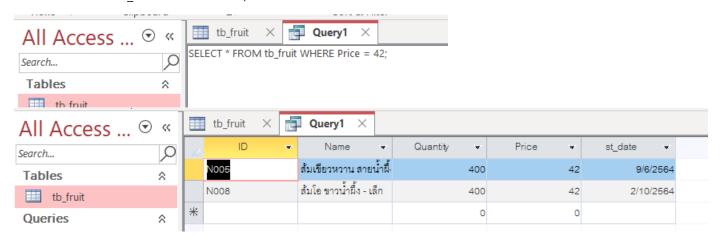
#### 14. UPDATE tb fruit SET st date = #10/3/2021# WHERE st date LIKE #3-10-2021#



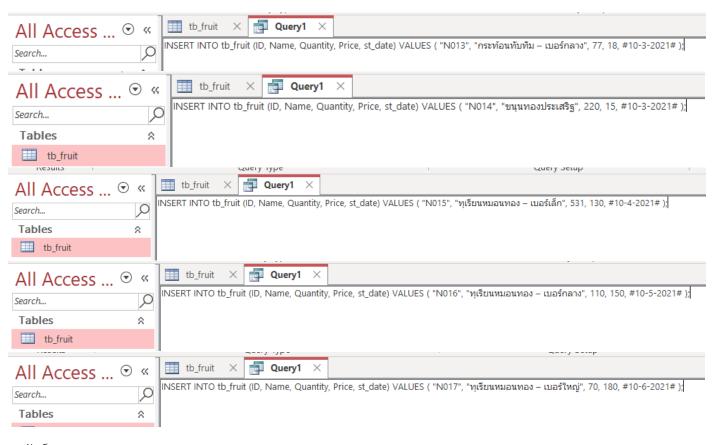
## ผลลัพธ์

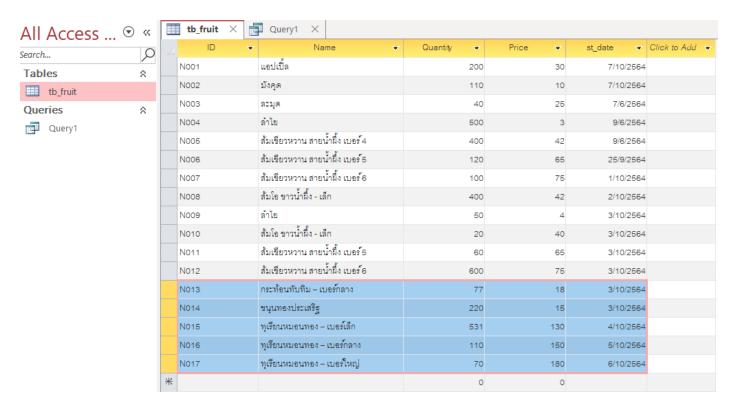


## 15. SELECT \* FROM tb\_fruit WHERE Price = 42;

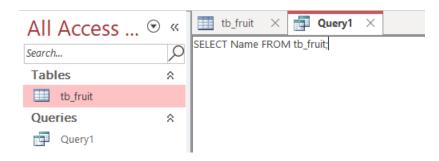


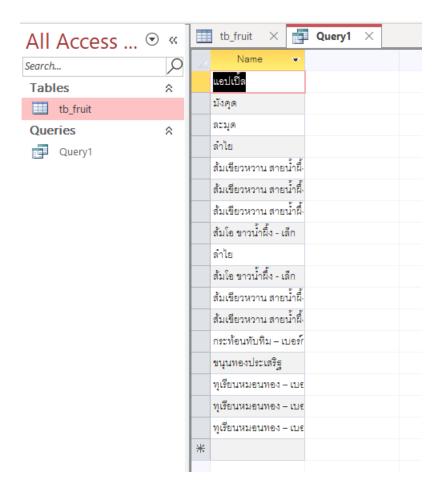
INSERT INTO tb\_fruit (ID, Name, Quantity, Price, st\_date) VALUES ( "N013", "กระท้อนทับทิม – เบอร์กลาง", 77, 18, #10-3-2021#);
INSERT INTO tb\_fruit (ID, Name, Quantity, Price, st\_date) VALUES ( "N014", "ขนุนทองประเสริฐ", 220, 15, #10-3-2021#);
INSERT INTO tb\_fruit (ID, Name, Quantity, Price, st\_date) VALUES ( "N015", "ทุเรียนหมอนทอง – เบอร์เล็ก", 531, 130, #10-4-2021#);
INSERT INTO tb\_fruit (ID, Name, Quantity, Price, st\_date) VALUES ( "N016", "ทุเรียนหมอนทอง – เบอร์กลาง", 110, 150, #10-5-2021#);
INSERT INTO tb\_fruit (ID, Name, Quantity, Price, st\_date) VALUES ( "N017", "ทุเรียนหมอนทอง – เบอร์ใหญ่", 70, 180, #10-6-2021#);





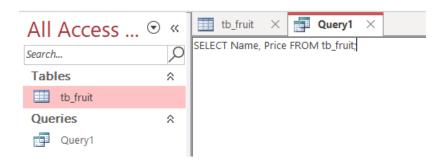
### 17. SELECT Name FROM tb\_fruit;

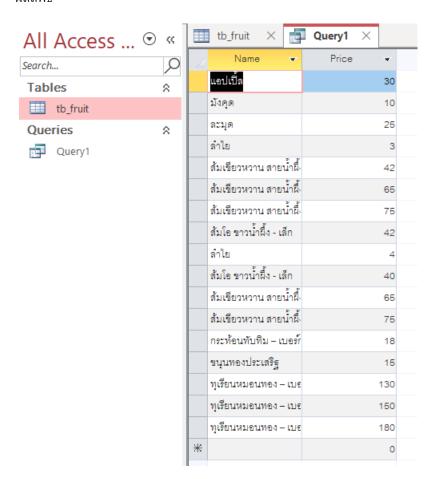




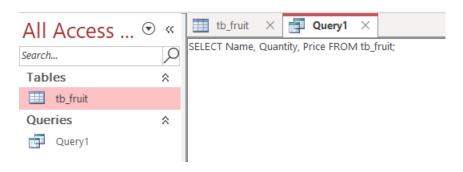
# 18. SELECT Name, Price FROM tb\_fruit; SELECT Name, Quantity, Price FROM tb\_fruit;

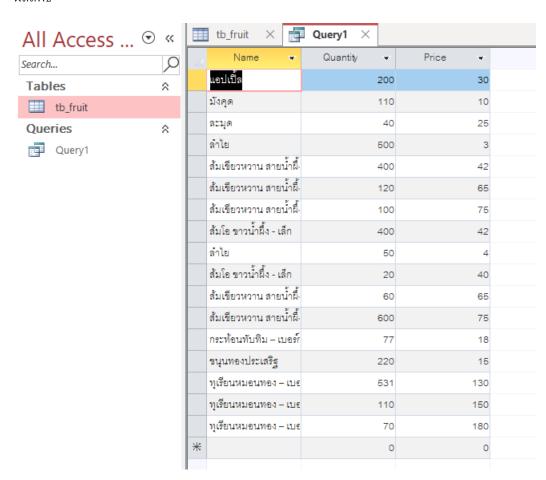
คำสั่ง SELECT Name, Price FROM tb\_fruit;



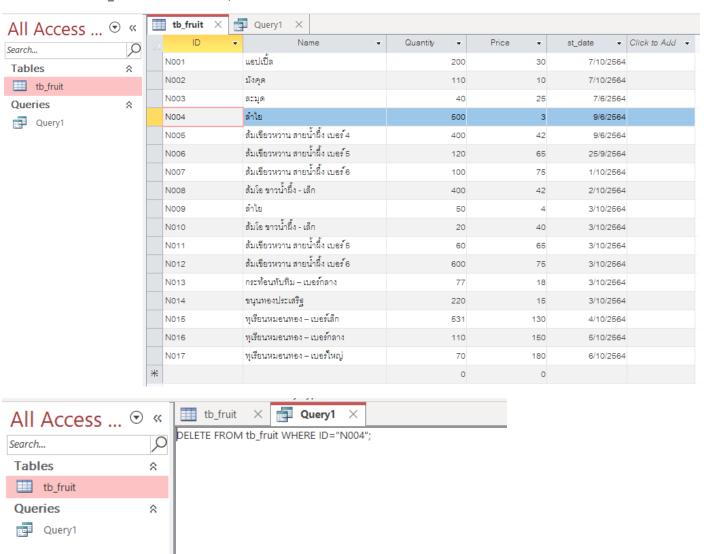


## คำสั่ง SELECT Name, Quantity, Price FROM tb\_fruit;

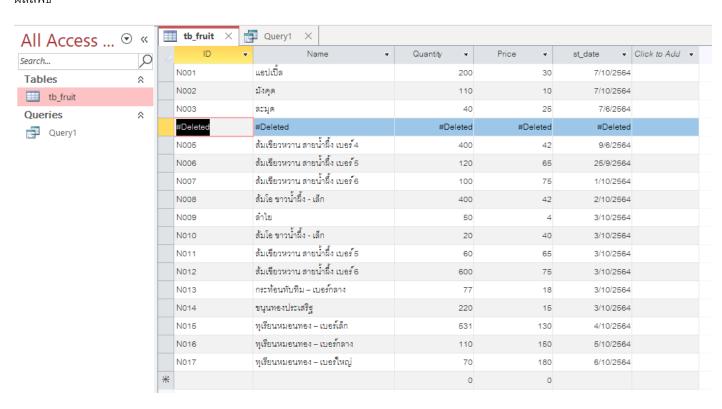




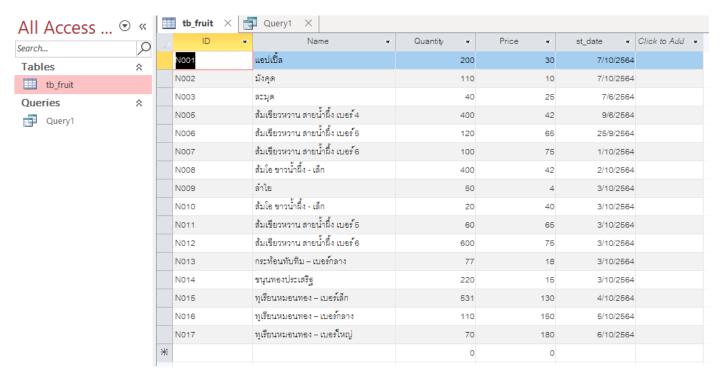
#### 19. DELETE FROM tb fruit WHERE ID="N004";



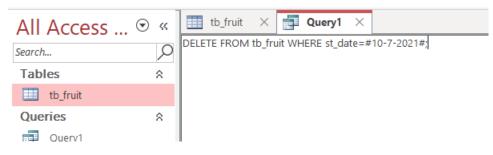
## ผลลัพก์

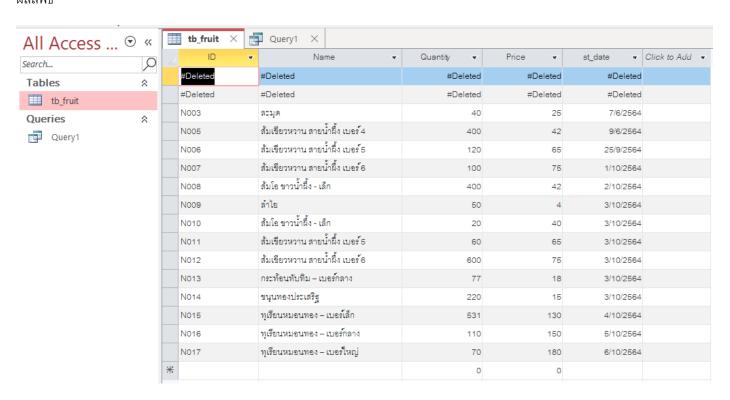


#### หลังจาก refresh



## 20. DELETE FROM tb\_fruit WHERE st\_date=#10-7-2021#;





### หลังจาก refresh

