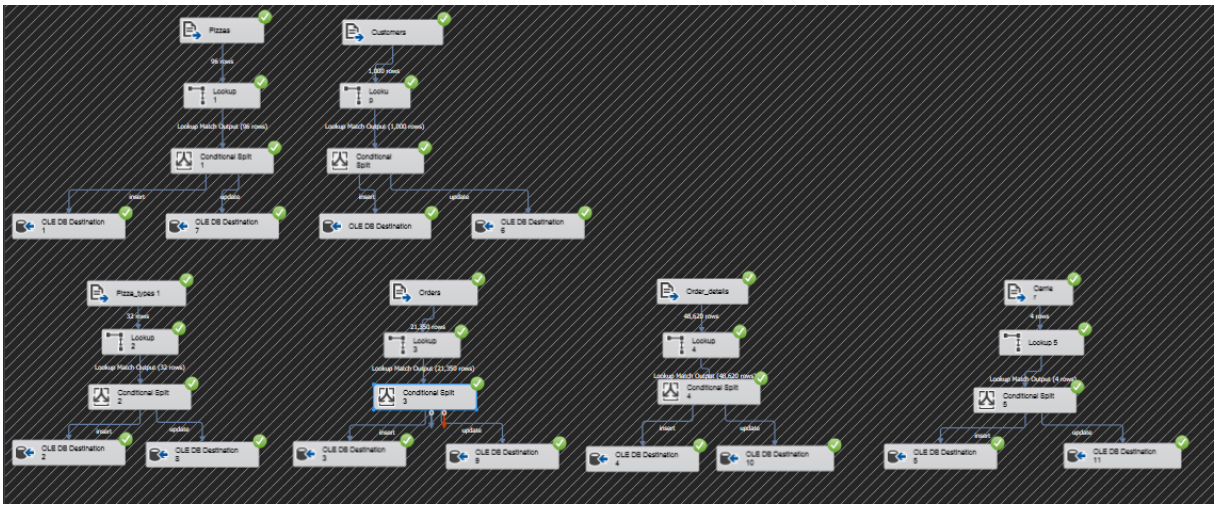
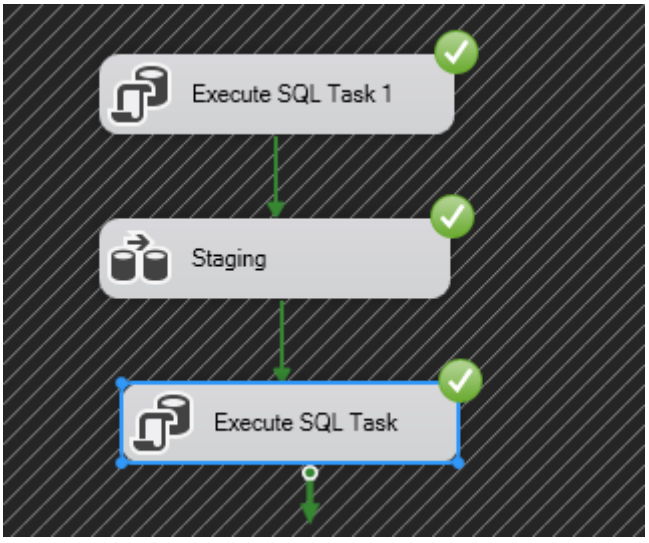
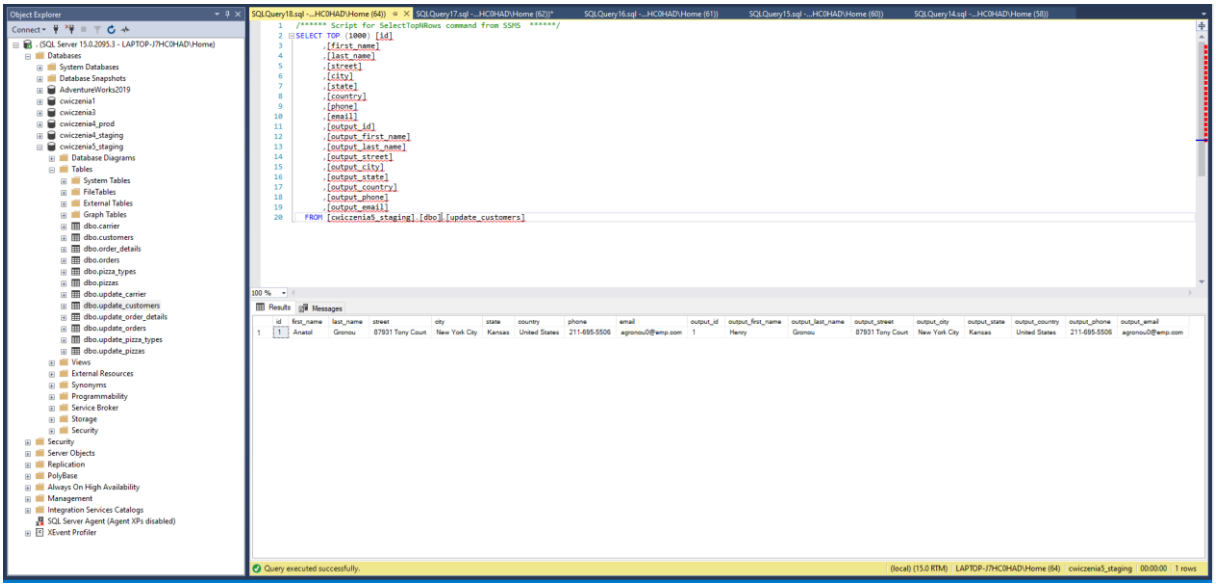
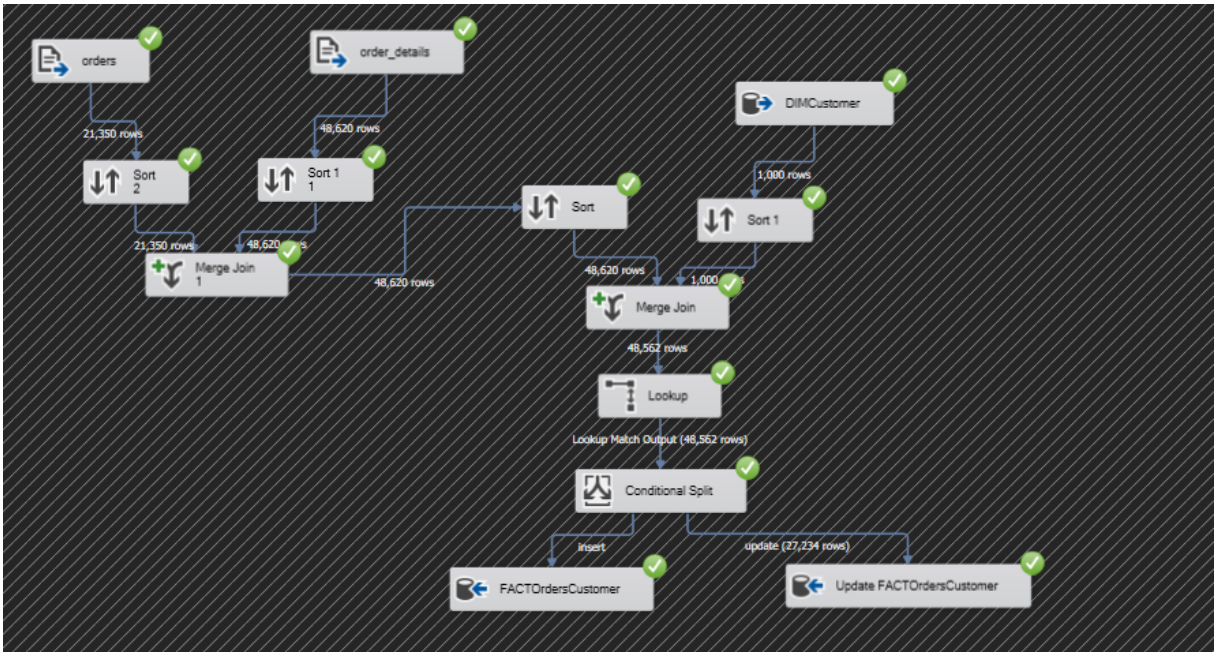
ZADANIE 1

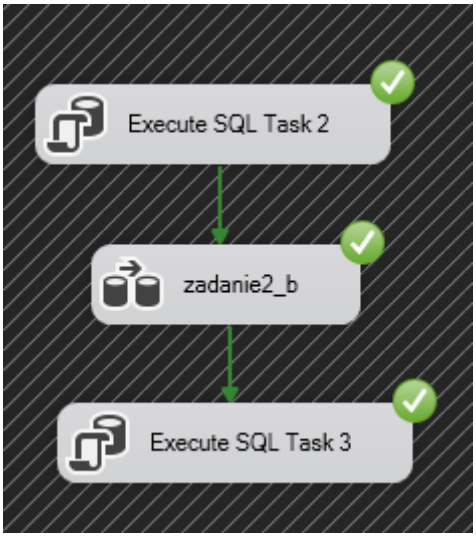






ZADANIE 2






```
update fact
set fact.order_id = fact_up.order_id,
fact.date = fact_up.date,
fact.time = fact_up.time,
fact.carrier_id = fact_up.carrier_id,
fact.order_details_id = fact_up.order_details_id,
fact.pizza_id = fact_up.pizza_id,
fact.quantity = fact_up.quantity,
fact.id_num = fact_up.id_num
from [dbo].[FACTOrdersCustomers] fact
inner join [dbo].[update_FACTOrdersCustomers] fact_up
on fact_up.order_id = fact.order_id
```

ZADANIE 3

```sql
CREATE CLUSTERED INDEX idx_customer_state ON [dbo].[DIMCustomers] ([state])

IF EXISTS
(
  SELECT 1 FROM sys.indexes
  WHERE name='idx_customer_state' AND object_id = OBJECT_ID('[dbo].[DIMCustomers]')
)
BEGIN
     PRINT 'Clustered index "idx_customer_state" exists'
END
```

ZADANIE 4

```sql
CREATE VIEW carrier_sales WITH SCHEMABINDING AS
    SELECT
        ft.[order_details_id],
        ft.[order_id],
        ft.[pizza_id],
        ft.[quantity],
        ft.[date],
        ft.[time],
        c.[carrier_id],
        c.[carrier_name],
        c.[address],
        c.[tax_id],
        c.[contact_person]
    FROM [dbo].[FACTOrdersCustomers] ft
    JOIN [dbo].[DIMCarrier] c
    ON c.[key] = ft.[carrier_id]


CREATE UNIQUE CLUSTERED INDEX idx_carrier_sales ON carrier_sales (
       [order_details_id]
      ,[order_id]
      ,[pizza_id]
      ,[quantity]
      ,[date]
      ,[time]
      ,[carrier_id]
      ,[carrier_name]
      ,[address]
      ,[tax_id]
      ,[contact_person]
)

IF EXISTS
(
  SELECT 1 FROM sys.indexes
  WHERE name='idx_carrier_sales' AND object_id = OBJECT_ID('carrier_sales')
)
BEGIN
     PRINT 'Clustered unique index "idx_carrier_sales" exists'
END
```

```
36  CREATE UNIQUE CLUSTERED INDEX idx_carrier_sales ON carrier_sales (
37          [order_details_id]
38          ,[order_id]
39          ,[pizza_id]
40          ,[quantity]
41          ,[date]
42          ,[time]
43          ,[carrier_id]
44          ,[carrier_name]
45          ,[address]
46          ,[tax_id]
47          ,[contact_person]
48  )
49
50  IF EXISTS
51  (
52    SELECT 1 FROM sys.indexes
53    WHERE name='idx_carrier_sales' AND object_id = OBJECT_ID('carrier_sales')
```

100 %

Messages

```
Msg 1505, Level 16, State 1, Line 36
The CREATE UNIQUE INDEX statement terminated because a duplicate key was found for the object name 'dbo.carrier_sales' and the index name 'idx_carrier_sales'. The duplicate key value is (1000, 439, ckn_alfredo_
The statement has been terminated.

Completion time: 2022-11-07T01:34:07.1881655+01:00
```