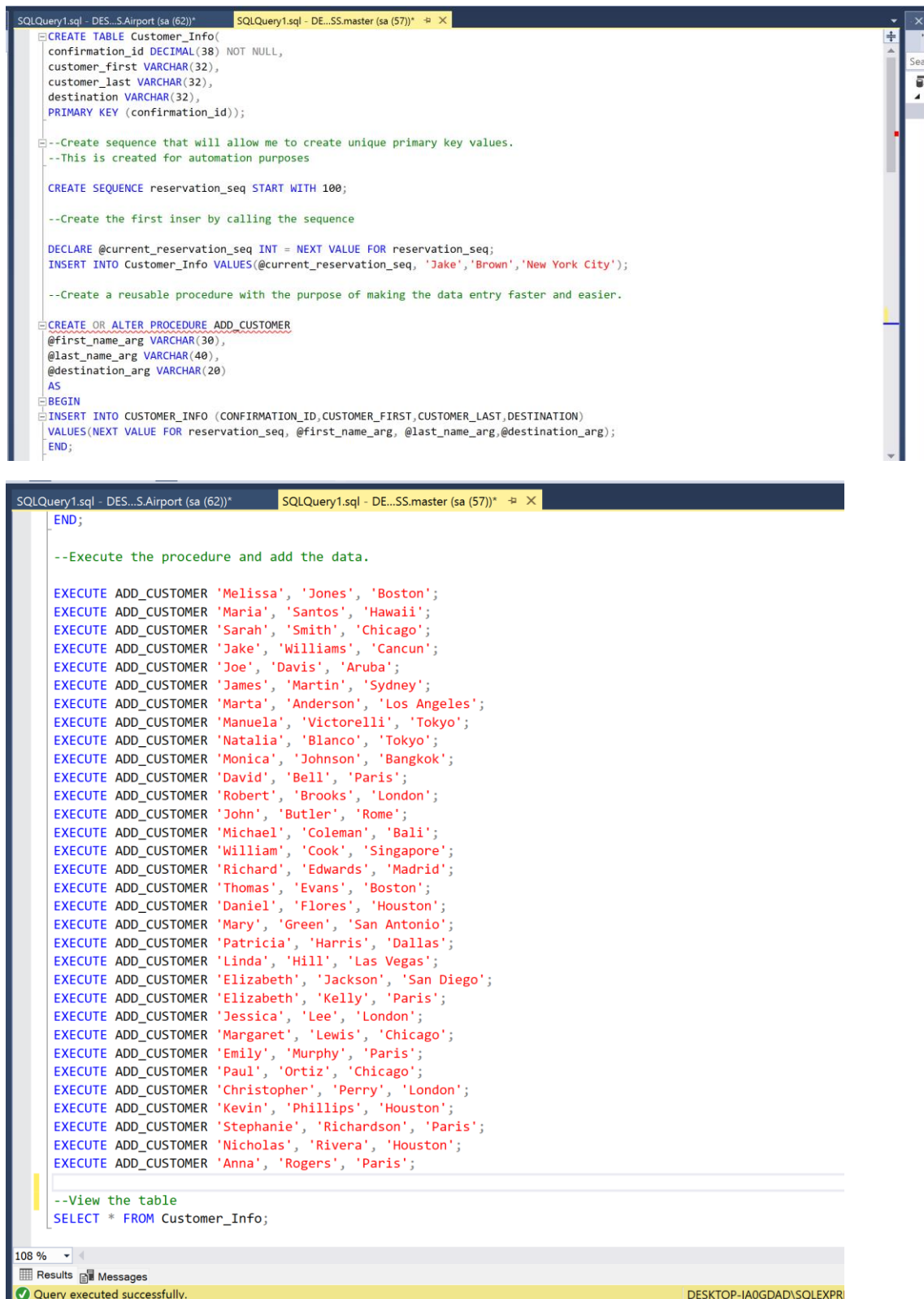


SQL screen shots

Code



```
SQLQuery1.sql - DES...S.Airport (sa (62)) SQLQuery1.sql - DE...SS.master (sa (57))
CREATE TABLE Customer_Info(
confirmation_id DECIMAL(38) NOT NULL,
customer_first VARCHAR(32),
customer_last VARCHAR(32),
destination VARCHAR(32),
PRIMARY KEY (confirmation_id));

--Create sequence that will allow me to create unique primary key values.
--This is created for automation purposes

CREATE SEQUENCE reservation_seq START WITH 100;

--Create the first inser by calling the sequence

DECLARE @current_reservation_seq INT = NEXT VALUE FOR reservation_seq;
INSERT INTO Customer_Info VALUES(@current_reservation_seq, 'Jake', 'Brown', 'New York City');

--Create a reusable procedure with the purpose of making the data entry faster and easier.

CREATE OR ALTER PROCEDURE ADD_CUSTOMER
@first_name_arg VARCHAR(30),
@last_name_arg VARCHAR(40),
@destination_arg VARCHAR(20)
AS
BEGIN
INSERT INTO CUSTOMER_INFO (CONFIRMATION_ID,CUSTOMER_FIRST,CUSTOMER_LAST,DESTINATION)
VALUES(NEXT VALUE FOR reservation_seq, @first_name_arg, @last_name_arg,@destination_arg);
END;

END;

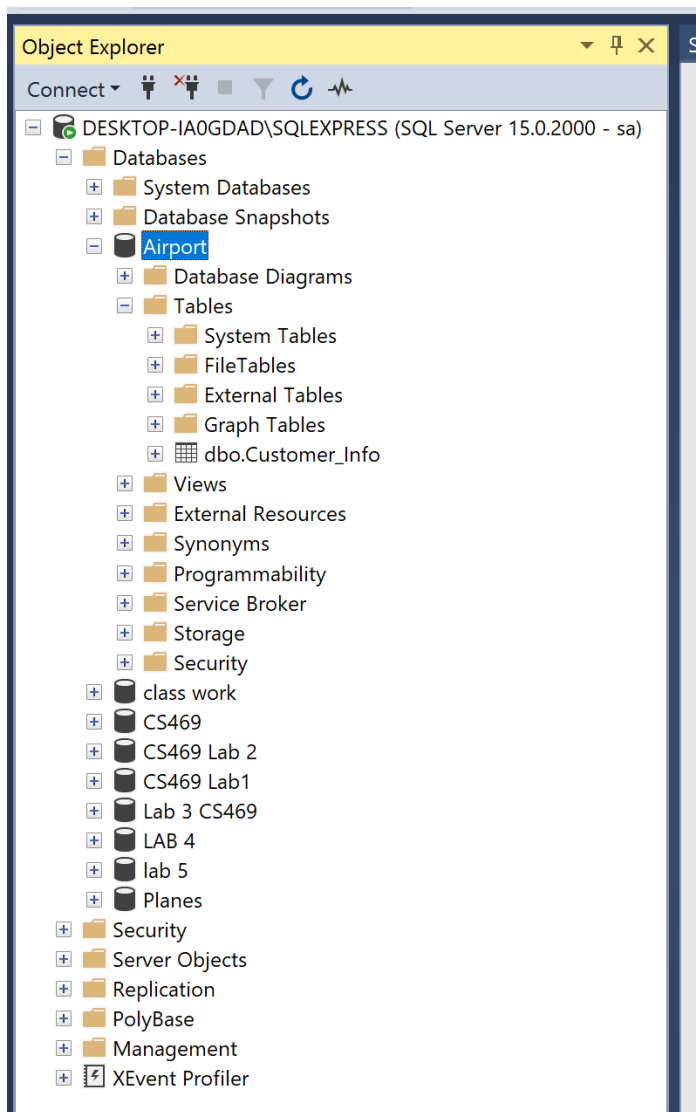
--Execute the procedure and add the data.

EXECUTE ADD_CUSTOMER 'Melissa', 'Jones', 'Boston';
EXECUTE ADD_CUSTOMER 'Maria', 'Santos', 'Hawaii';
EXECUTE ADD_CUSTOMER 'Sarah', 'Smith', 'Chicago';
EXECUTE ADD_CUSTOMER 'Jake', 'Williams', 'Cancun';
EXECUTE ADD_CUSTOMER 'Joe', 'Davis', 'Aruba';
EXECUTE ADD_CUSTOMER 'James', 'Martin', 'Sydney';
EXECUTE ADD_CUSTOMER 'Marta', 'Anderson', 'Los Angeles';
EXECUTE ADD_CUSTOMER 'Manuela', 'Vitorelli', 'Tokyo';
EXECUTE ADD_CUSTOMER 'Natalia', 'Blanco', 'Tokyo';
EXECUTE ADD_CUSTOMER 'Monica', 'Johnson', 'Bangkok';
EXECUTE ADD_CUSTOMER 'David', 'Bell', 'Paris';
EXECUTE ADD_CUSTOMER 'Robert', 'Brooks', 'London';
EXECUTE ADD_CUSTOMER 'John', 'Butler', 'Rome';
EXECUTE ADD_CUSTOMER 'Michael', 'Coleman', 'Bali';
EXECUTE ADD_CUSTOMER 'William', 'Cook', 'Singapore';
EXECUTE ADD_CUSTOMER 'Richard', 'Edwards', 'Madrid';
EXECUTE ADD_CUSTOMER 'Thomas', 'Evans', 'Boston';
EXECUTE ADD_CUSTOMER 'Daniel', 'Flores', 'Houston';
EXECUTE ADD_CUSTOMER 'Mary', 'Green', 'San Antonio';
EXECUTE ADD_CUSTOMER 'Patricia', 'Harris', 'Dallas';
EXECUTE ADD_CUSTOMER 'Linda', 'Hill', 'Las Vegas';
EXECUTE ADD_CUSTOMER 'Elizabeth', 'Jackson', 'San Diego';
EXECUTE ADD_CUSTOMER 'Elizabeth', 'Kelly', 'Paris';
EXECUTE ADD_CUSTOMER 'Jessica', 'Lee', 'London';
EXECUTE ADD_CUSTOMER 'Margaret', 'Lewis', 'Chicago';
EXECUTE ADD_CUSTOMER 'Emily', 'Murphy', 'Paris';
EXECUTE ADD_CUSTOMER 'Paul', 'Ortiz', 'Chicago';
EXECUTE ADD_CUSTOMER 'Christopher', 'Perry', 'London';
EXECUTE ADD_CUSTOMER 'Kevin', 'Phillips', 'Houston';
EXECUTE ADD_CUSTOMER 'Stephanie', 'Richardson', 'Paris';
EXECUTE ADD_CUSTOMER 'Nicholas', 'Rivera', 'Houston';
EXECUTE ADD_CUSTOMER 'Anna', 'Rogers', 'Paris';

--View the table
SELECT * FROM Customer_Info;
```

108 %
Results Messages
Query executed successfully. DESKTOP-IA0GDAD\SQLEXP

SQL database and table



UML

SQL data base

Customer_Info		
PK	confirmation_id	DECIMAL(38)
	customer_first	VARCHAR(32)
	customer_last	VARCHAR(32)
	destination	VARCHAR(32)

Sql uml	
Customer_Info: Table	
confirmation_id : DECIMAL(38)	
customer_first: VARCHAR(32)	
customer_last: VARCHAR(32)	
destination: VARCHAR(32)	
reservation_seq: sequence	
@current_reservation_seq: Value declaration	
ADD_CUSTOMER: reusable procedure	

Java UML

Connect2Sql	
url: string	
user: string	
password: string	
sql: String	
rows: int	
try: connection	
catch: exception	