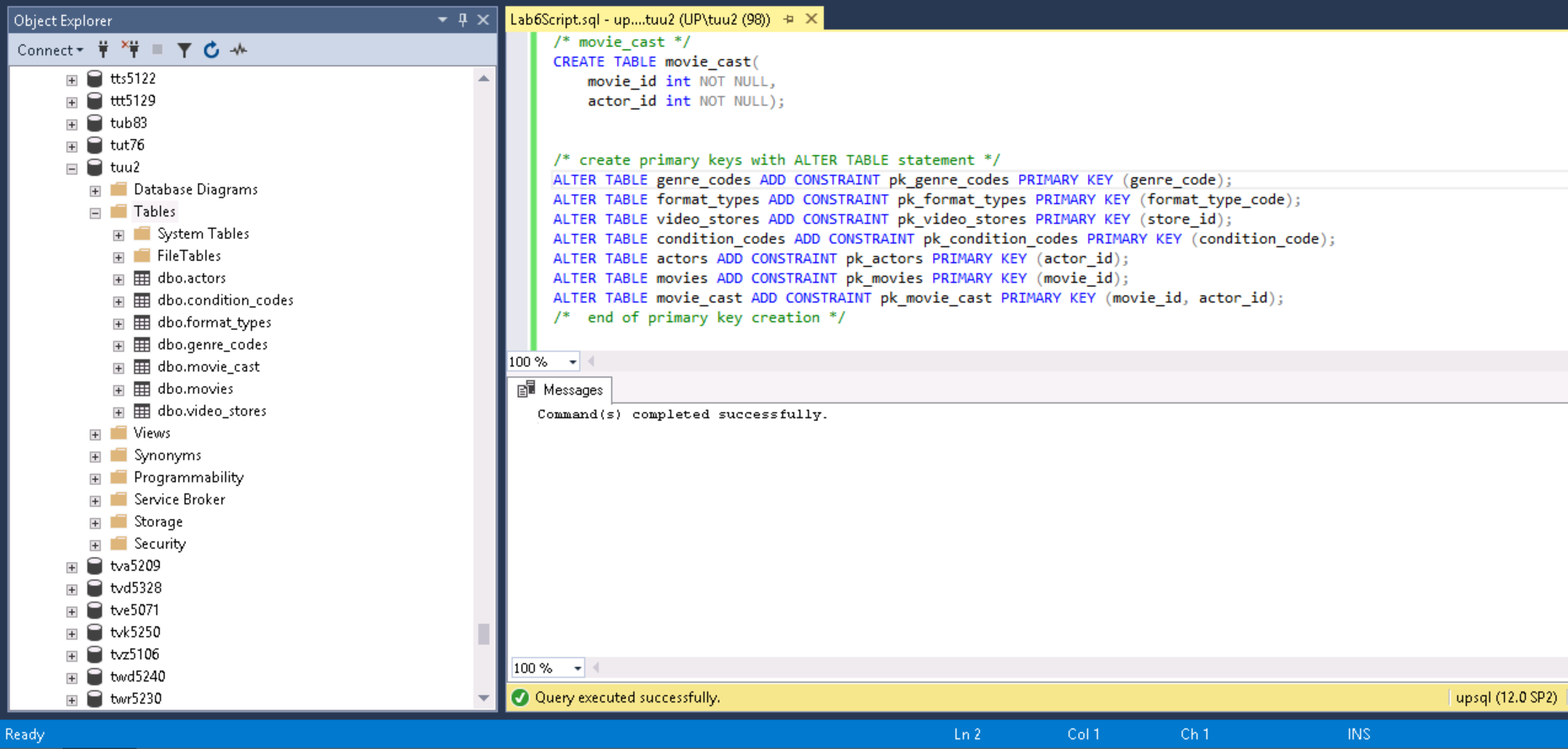
**PART 1**

Result after running script provided: https://www.up.ist.psu.edu/documentation/IST210/D3WgqIrD/FLIX2YOU\_current.txt



**PART 2**

The second part of the lab you will create a data dictionary for the remaining seven tables (right hand side of the FLIX2YOU ERD). The data dictionary can be a formatted Word document or an Excel spreadsheet file. Please follow the format of the sample data dictionary found in Chapter 3 of the textbook.



**PART 3**

**MAKING TABLES**

CREATE TABLE Customer\_Rentals(

item\_rental\_id int IDENTITY (1,1) not null,

customer\_id int not null,

movie\_id int not null,

rental\_status\_code int not null,

rental\_date\_out date not null,

rental\_date\_returned date null,

rental\_amount\_due decimal(10,2) not null,

other\_rental\_details varchar(500) null)

Command(s) completed successfully.

CREATE TABLE Customers(

customer\_id int Identity (1,1) not null,

member\_yn int null,

membership\_number int null,

date\_became\_member date not null,

customer\_first\_name varchar(30) not null,

customer\_last\_name varchar(30) not null,

customer\_address varchar(100) not null,

customer\_phone varchar(30) not null,

customer\_email varchar(100) not null,

customer\_dob date not null)

Command(s) completed successfully.

CREATE TABLE Financial\_Transactions(

transaction\_id int Identity (1,1) not null,

account\_id int not null,

item\_rental\_id int not null,

previous\_transaction\_id int not null,

transaction\_type\_code int null,

transaction\_date date null,

transaction\_amount decimal (10,2) null,

transaction\_comment varchar (100) null)

Command(s) completed successfully.

CREATE TABLE Accounts(

account\_id int Identity (1,1) not null,

customer\_id int not null,

payment\_method\_code int not null,

account\_name varchar(100) not null,

account\_details varchar(100) not null)

Command(s) completed successfully.

CREATE TABLE Rental\_Status\_Codes(

rental\_status\_code int Identity (1,1) not null,

rental\_status\_description varchar(100) not null)

Command(s) completed successfully.

CREATE TABLE Transaction\_Types(

transaction\_type\_code int Identity (1,1) not null,

transaction\_type\_description varchar(100) not null)

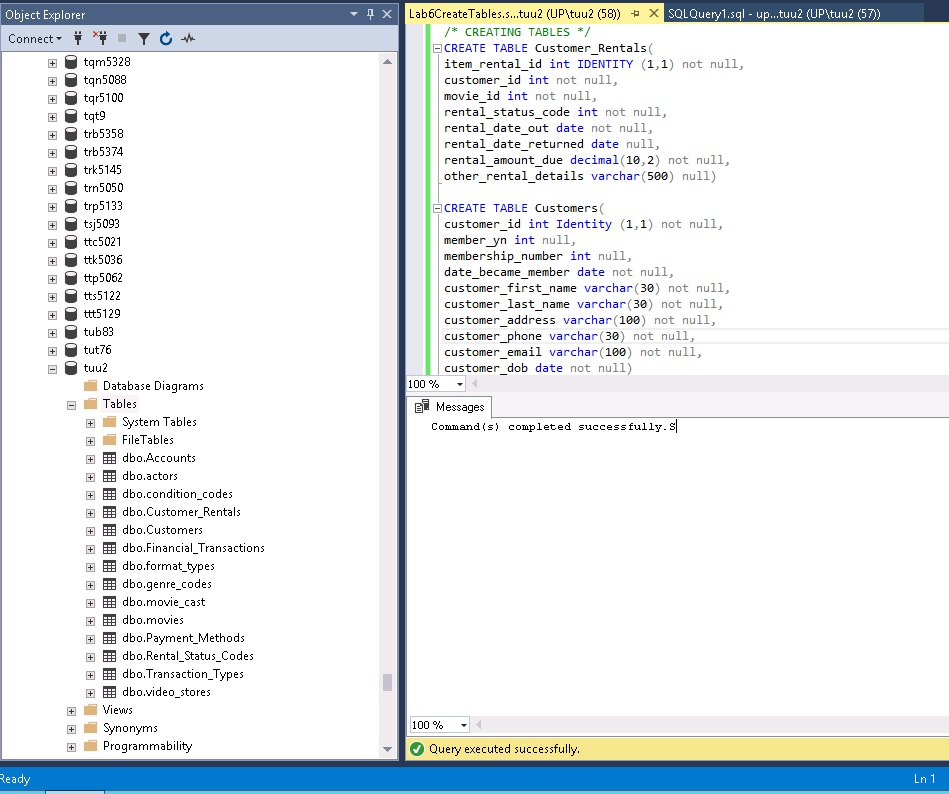
Command(s) completed successfully.

CREATE TABLE Payment\_Methods(

payment\_method\_code int identity (1,1) not null,

payment\_method\_description varchar(100) not null)

Command(s) completed successfully.



Primary Keys

Alter table Customer\_Rentals add constraint pk\_item\_rental\_id primary key(item\_rental\_id)

Alter table Customers add constraint pk\_customer\_id primary key(customer\_id)

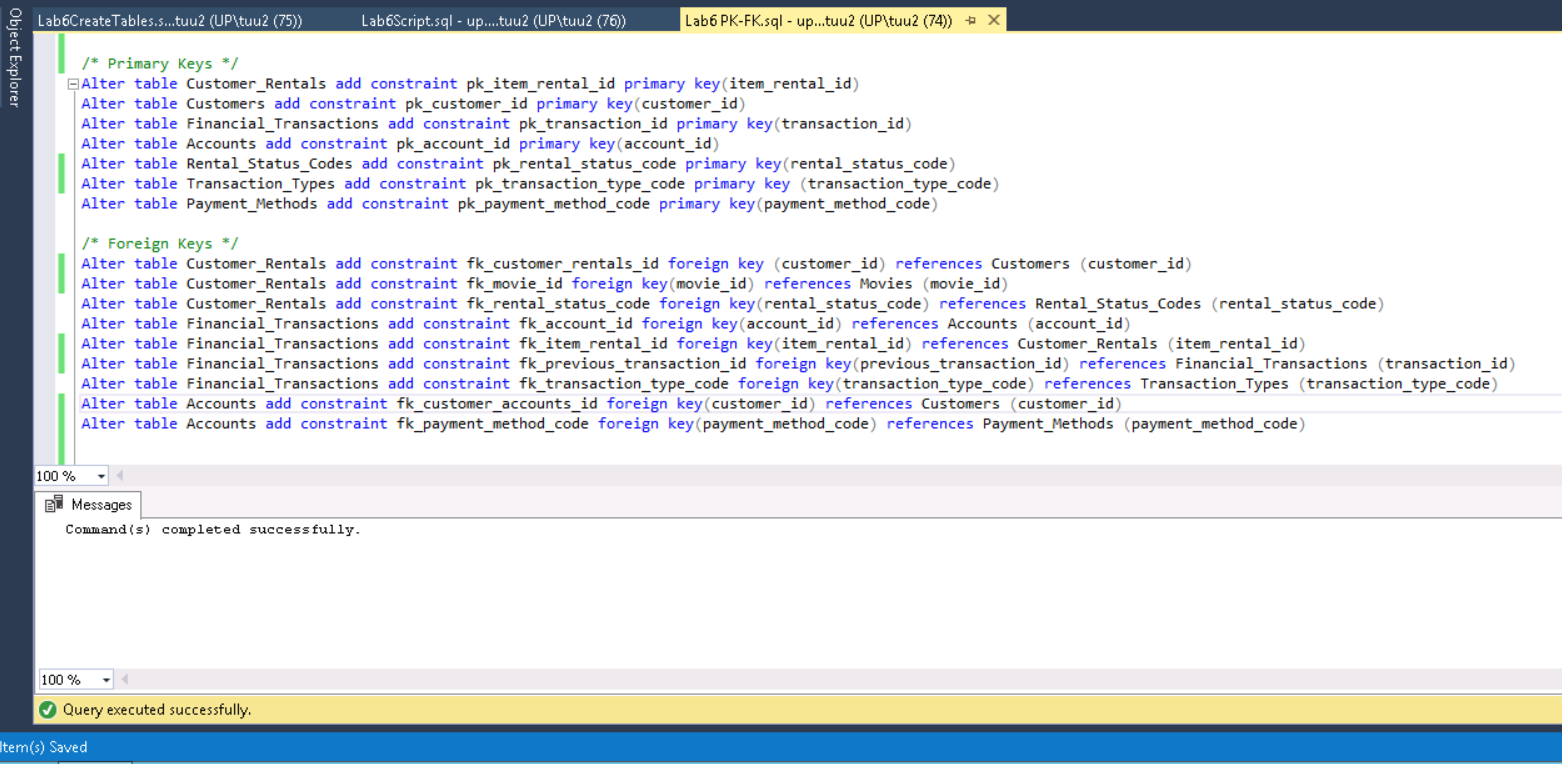
Alter table Financial\_Transactions add constraint pk\_transaction\_id primary key(transaction\_id)

Alter table Accounts add constraint pk\_account\_id primary key(account\_id)

Alter table Rental\_Status\_Codes add constraint pk\_rental\_status\_code primary key(rental\_status\_code)

Alter table Transaction\_Types add constraint pk\_transaction\_type\_code primary key (transaction\_type\_code)

Alter table Payment\_Methods add constraint pk\_payment\_method\_code primary key(payment\_method\_code)



Foreign Keys

Alter table Customer\_Rentals add constraint fk\_customer\_rentals\_id foreign key (customer\_id) references Customers (customer\_id)

Alter table Customer\_Rentals add constraint fk\_movie\_id foreign key(movie\_id) references Movies (movie\_id)

Alter table Customer\_Rentals add constraint fk\_rental\_status\_code foreign key(rental\_status\_code) references Rental\_Status\_Codes (rental\_status\_code)

Alter table Financial\_Transactions add constraint fk\_account\_id foreign key(account\_id) references Accounts (account\_id)

Alter table Financial\_Transactions add constraint fk\_item\_rental\_id foreign key(item\_rental\_id) references Customer\_Rentals (item\_rental\_id)

Alter table Financial\_Transactions add constraint fk\_previous\_transaction\_id foreign key(previous\_transaction\_id) references Financial\_Transactions (transaction\_id)

Alter table Financial\_Transactions add constraint fk\_transaction\_type\_code foreign key(transaction\_type\_code) references Transaction\_Types (transaction\_type\_code)

Alter table Accounts add constraint fk\_customer\_accounts\_id foreign key(customer\_id) references Customers (customer\_id)

Alter table Accounts add constraint fk\_payment\_method\_code foreign key(payment\_method\_code) references Payment\_Methods (payment\_method\_code)