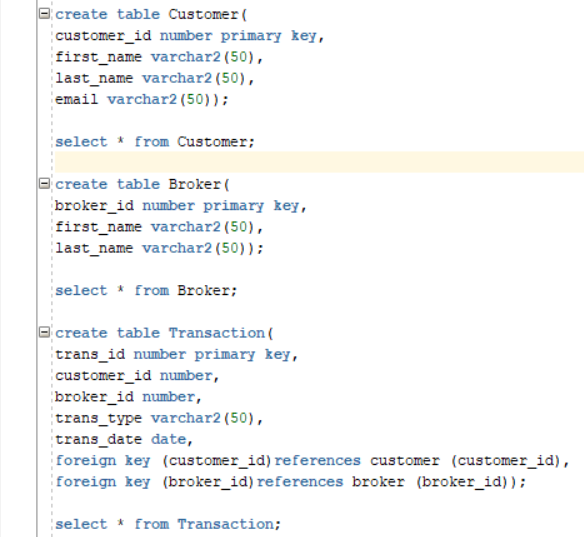
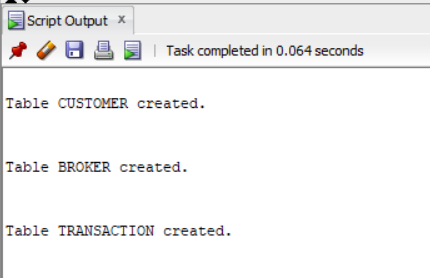
ADDB7311

ICE Task 2 – Synonyms, Views, Indexes Pg 74

ST10305921 – Zoe Heyneke

* Create tables





create table Customer(

customer\_id number primary key,

first\_name varchar2(50),

last\_name varchar2(50),

email varchar2(50));

select \* from Customer;

create table Broker(

broker\_id number primary key,

first\_name varchar2(50),

last\_name varchar2(50));

select \* from Broker;

create table Transaction(

trans\_id number primary key,

customer\_id number,

broker\_id number,

trans\_type varchar2(50),

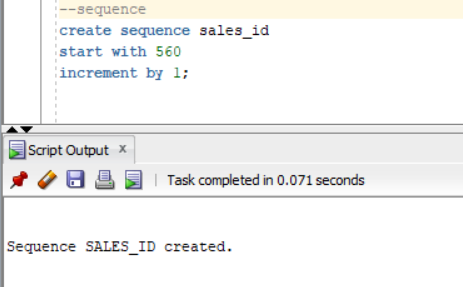
trans\_date date,

foreign key (customer\_id)references customer (customer\_id),

foreign key (broker\_id)references broker (broker\_id));

select \* from Transaction;

* Create sequence called sales\_id starting at ID 560





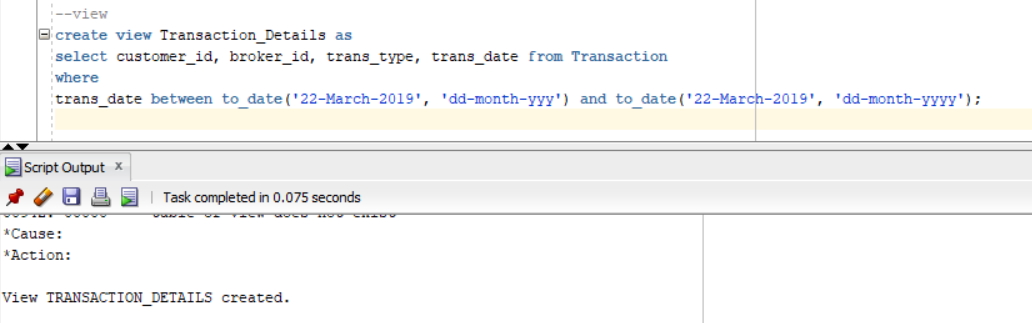
--sequence

create sequence sales\_id

start with 560

increment by 1;

* Create view called Transaction\_Details displaying customer ID, broker ID, transaction type and transaction date between 22 March 2019 and 25 March 209



--view

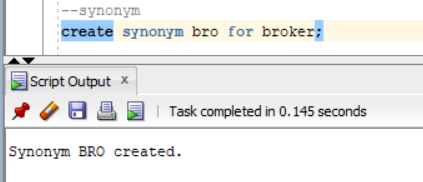
create view Transaction\_Details as

select customer\_id, broker\_id, trans\_type, trans\_date from Transaction

where

trans\_date between to\_date('22-March-2019', 'dd-month-yyy') and to\_date('22-March-2019', 'dd-month-yyyy');

* Create Synonym for Broker table called Bro



A close up of a screen

Description automatically generated

--synonym

create synonym bro for broker;

* Create index on Customer table for the first\_name column

A screenshot of a computer error

Description automatically generated

--index

--purpose to reduce access time

create index in\_customer\_first\_name on Customer(first\_name);