CPS510 - A3

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Section #: 06

Lab Number: 3

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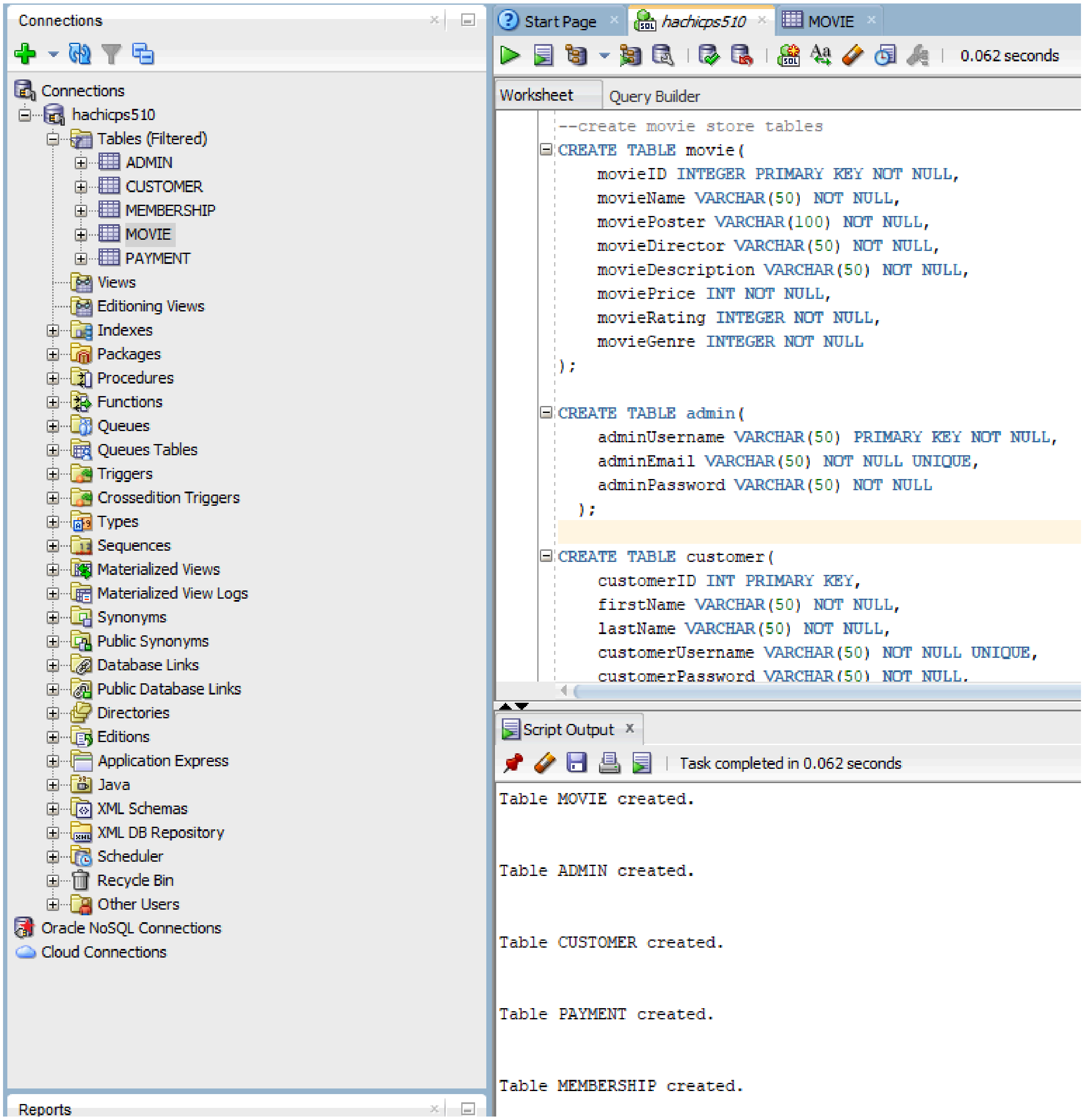
Table Creation:

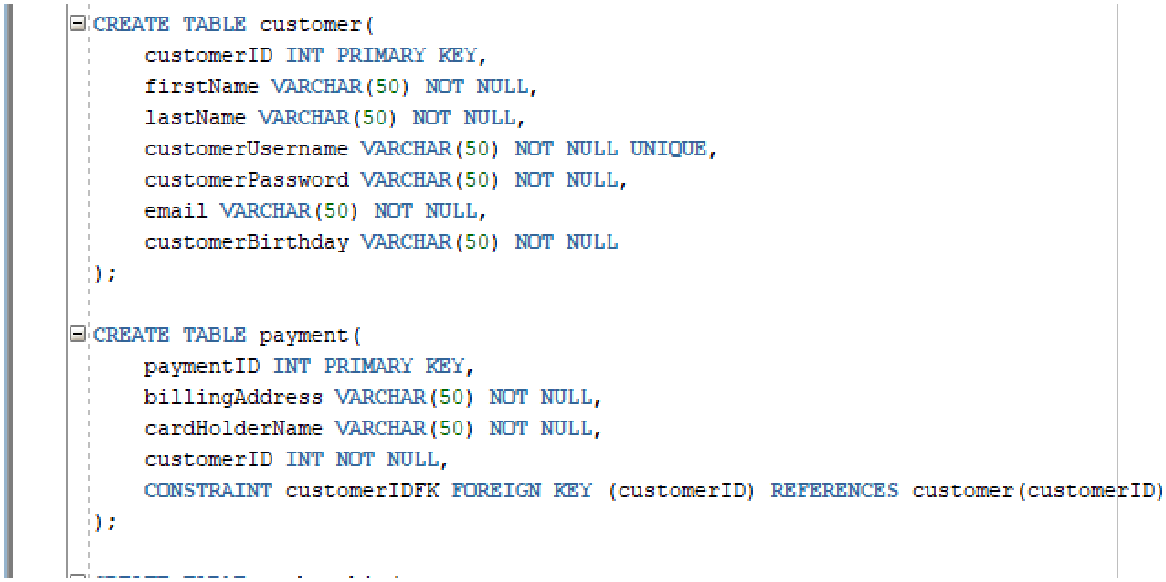
```
CREATE TABLE movie(
   movieID INT PRIMARY KEY NOT NULL,
   movieName VARCHAR(50) NOT NULL,
   moviePoster VARCHAR(50) NOT NULL,
   movieDirector VARCHAR(50) NOT NULL,
   movieDescription VARCHAR(50) NOT NULL,
   moviePrice FLOAT NOT NULL,
   movieRating INT NOT NULL,
   movieGenre VARCHAR(50) NOT NULL
);

CREATE TABLE admin(
   adminUsername VARCHAR(50) PRIMARY KEY NOT NULL,
   adminEmail VARCHAR(50) NOT NULL UNIQUE,
   adminPassword VARCHAR(50) NOT NULL
  );

CREATE TABLE customer(
   customerID INT PRIMARY KEY,
   firstName VARCHAR(50) NOT NULL,
   lastName VARCHAR(50) NOT NULL,
   customerUsername VARCHAR(50) NOT NULL UNIQUE,
   customerPassword VARCHAR(50) NOT NULL,
   email VARCHAR(50) NOT NULL,
   customerBirthday VARCHAR(50) NOT NULL
);

CREATE TABLE payment(
   paymentID INT PRIMARY KEY,
   billingAddress VARCHAR(50) NOT NULL,
   cardHolderName VARCHAR(50) NOT NULL,
   customerID INT NOT NULL,
   CONSTRAINT customerIDFK FOREIGN KEY (customerID) REFERENCES
customer(customerID)

);

CREATE TABLE membership(
   membershipID INT PRIMARY KEY,
   startDate DATE NOT NULL,
   endDate DATE NOT NULL,
   subscriptionCharge INT NOT NULL
```

);

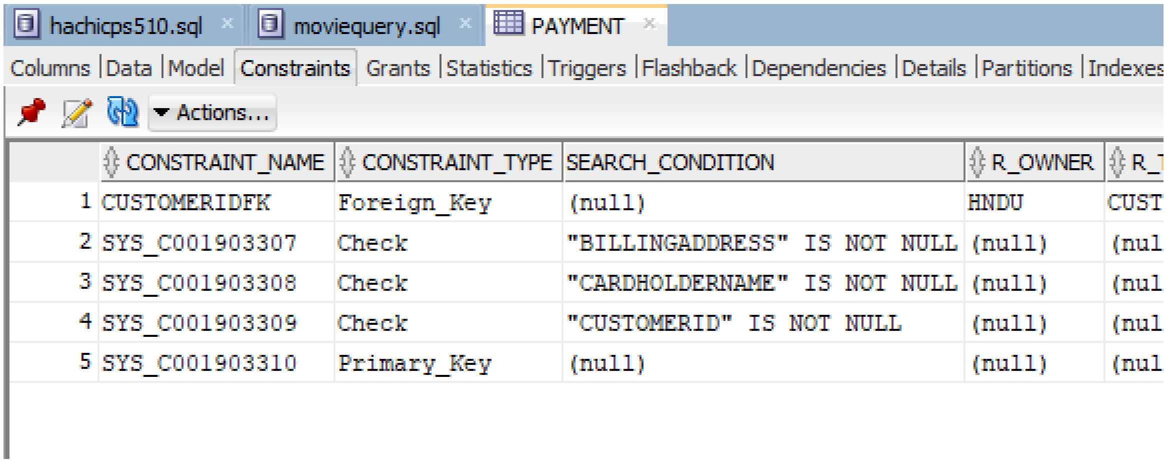


```
--create movie store tables
CREATE TABLE movie(
    movieID INTEGER PRIMARY KEY NOT NULL,
    movieName VARCHAR(50) NOT NULL,
    moviePoster VARCHAR(100) NOT NULL,
    movieDirector VARCHAR(50) NOT NULL,
    movieDescription VARCHAR(50) NOT NULL,
    moviePrice INT NOT NULL,
    movieRating INTEGER NOT NULL,
    movieGenre INTEGER NOT NULL
);

CREATE TABLE admin(
    adminUsername VARCHAR(50) PRIMARY KEY NOT NULL,
    adminEmail VARCHAR(50) NOT NULL UNIQUE,
    adminPassword VARCHAR(50) NOT NULL
  );

CREATE TABLE customer(
    customerID INT PRIMARY KEY,
    firstName VARCHAR(50) NOT NULL,
    lastName VARCHAR(50) NOT NULL,
    customerUsername VARCHAR(50) NOT NULL UNIQUE,
    customerPassword VARCHAR(50) NOT NULL,
```

```
Table MOVIE created.


Table ADMIN created.


Table CUSTOMER created.


Table PAYMENT created.


Table MEMBERSHIP created.
```



```
CREATE TABLE customer(
    customerID INT PRIMARY KEY,
    firstName VARCHAR(50) NOT NULL,
    lastName VARCHAR(50) NOT NULL,
    customerUsername VARCHAR(50) NOT NULL UNIQUE,
    customerPassword VARCHAR(50) NOT NULL,
    email VARCHAR(50) NOT NULL,
    customerBirthday VARCHAR(50) NOT NULL
);

CREATE TABLE payment(
    paymentID INT PRIMARY KEY,
    billingAddress VARCHAR(50) NOT NULL,
    cardHolderName VARCHAR(50) NOT NULL,
    customerID INT NOT NULL,
    CONSTRAINT customerIDFK FOREIGN KEY (customerID) REFERENCES customer(customerID)
);
```



	CONSTRAINT_NAME	CONSTRAINT_TYPE	SEARCH_CONDITION	R_OWNER	R_T
1	CUSTOMERIDFK	Foreign_Key	(null)	HNDU	CUST
2	SYS_C001903307	Check	"BILLINGADDRESS" IS NOT NULL	(null)	(nul
3	SYS_C001903308	Check	"CARDHOLDERNAME" IS NOT NULL	(null)	(nul
4	SYS_C001903309	Check	"CUSTOMERID" IS NOT NULL	(null)	(nul
5	SYS_C001903310	Primary_Key	(null)	(null)	(nul

(CustomerID referenced as foreign key in payment)

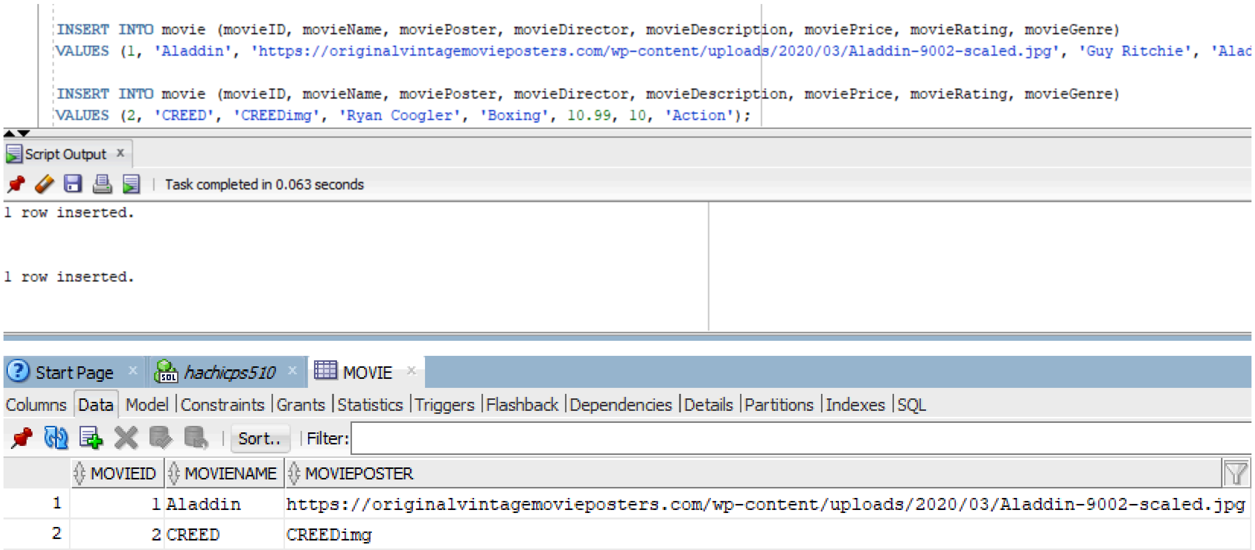
Testing:

INSERT INTO movie (movieID, movieName, moviePoster, movieDirector, movieDescription, moviePrice, movieRating, movieGenre)
VALUES
(1,’Aladdin’,’https://originalvintagemovieposters.com/wp-content/uploads/2020/03/Aladdin-9002-scaled.jpg’, ’Guy Ritchie’, ‘Aladdin, a kind thief, woos Jasmin, the princess’,10, 7, ’Family’);

(Creates movie1)

INSERT INTO movie (movieID, movieName, moviePoster, movieDirector, movieDescription, moviePrice, movieRating, movieGenre)
VALUES (10, 'CREED',
'https://image.tmdb.org/t/p/original/1BfTsk5VWuw8FCocAhCyqnRbEzq.jpg', 'Ryan Coogler', 'Boxing', 10.99, 10, 'Action');

(Creates movie10)



```
INSERT INTO movie (movieID, movieName, moviePoster, movieDirector, movieDescription, moviePrice, movieRating, movieGenre)
VALUES (1, 'Aladdin', 'https://originalvintagemovieposters.com/wp-content/uploads/2020/03/Aladdin-9002-scaled.jpg', 'Guy Ritchie', 'Alad

INSERT INTO movie (movieID, movieName, moviePoster, movieDirector, movieDescription, moviePrice, movieRating, movieGenre)
VALUES (2, 'CREED', 'CREEDimg', 'Ryan Coogler', 'Boxing', 10.99, 10, 'Action');
```

Script Output
Start Page
hachicps510
MOVIE
Columns | Data | Model | Constraints | Grants | Statistics | Triggers | Flashback | Dependencies | Details | Partitions | Indexes | SQL
Sort..
Filter:

Task completed in 0.063 seconds

```
1 row inserted.


1 row inserted.
```

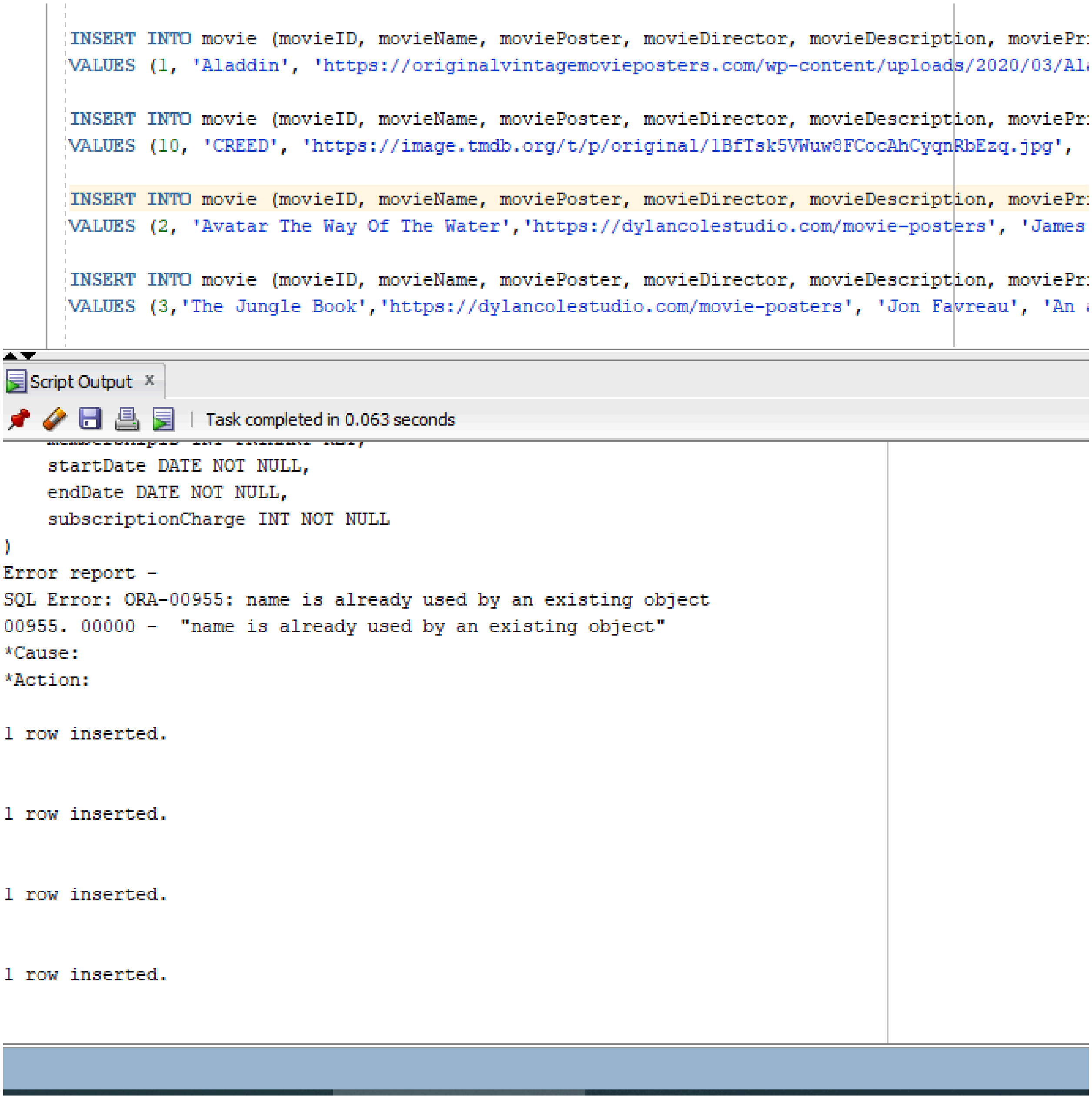
	MOVIEID	MOVIENAME	MOVIEPOSTER
1	1	Aladdin	https://originalvintagemovieposters.com/wp-content/uploads/2020/03/Aladdin-9002-scaled.jpg
2	2	CREED	CREEDimg

INSERT INTO movie (movieID, movieName, moviePoster, movieDirector, movieDescription, moviePrice, movieRating, movieGenre)
VALUES (2,’Avatar The Way Of The Water’,’https://dylancolestudio.com/movie-posters’, ’James Cameron’, ‘Ex marine falls in love with the Navi culture’,15, 9, ’Family’);

(Creates movie2)

INSERT INTO movie (movieID, movieName, moviePoster, movieDirector, movieDescription, moviePrice, movieRating, movieGenre)
VALUES (3,’The Jungle Book’,’https://dylancolestudio.com/movie-posters’, ’Jon Favreau’, ‘An adventure story about a man-cub named Mowgli’,12, 7, ’Family’);

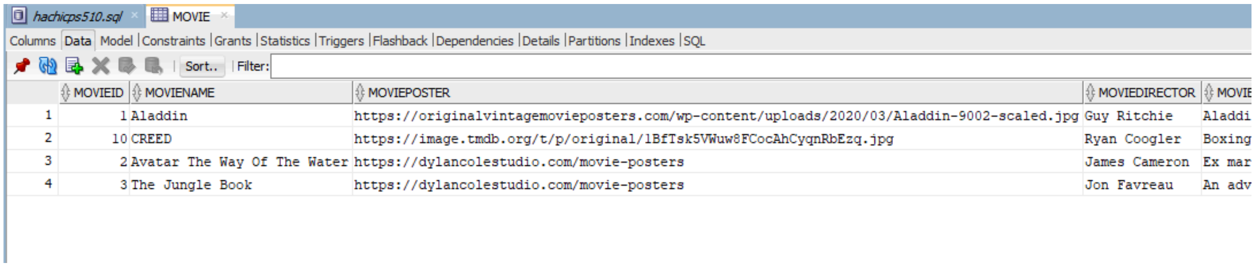
(Creates movie3)



```
INSERT INTO movie (movieID, movieName, moviePoster, movieDirector, movieDescription, moviePr:
VALUES (1, 'Aladdin', 'https://originalvintagemovieposters.com/wp-content/uploads/2020/03/Ala

INSERT INTO movie (movieID, movieName, moviePoster, movieDirector, movieDescription, moviePr:
VALUES (10, 'CREED', 'https://image.tmdb.org/t/p/original/1BfTsk5VWuw8FCocAhCyqnRbEzq.jpg',

INSERT INTO movie (movieID, movieName, moviePoster, movieDirector, movieDescription, moviePr:
VALUES (2, 'Avatar The Way Of The Water','https://dylancolestudio.com/movie-posters', 'James

INSERT INTO movie (movieID, movieName, moviePoster, movieDirector, movieDescription, moviePr:
VALUES (3,'The Jungle Book','https://dylancolestudio.com/movie-posters', 'Jon Favreau', 'An a
```

Task completed in 0.063 seconds

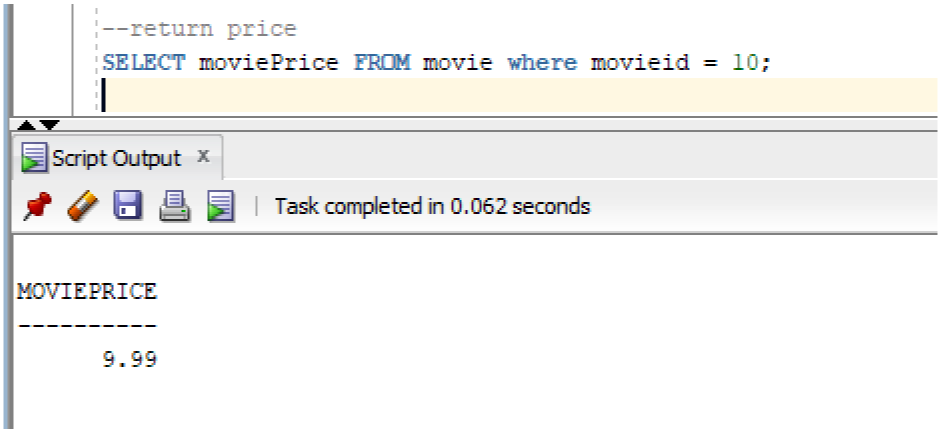
```
    membershipID INT PRIMARY KEY,
    startDate DATE NOT NULL,
    endDate DATE NOT NULL,
    subscriptionCharge INT NOT NULL
)
Error report -
SQL Error: ORA-00955: name is already used by an existing object
00955. 00000 -  "name is already used by an existing object"
*Cause:
*Action:

1 row inserted.


1 row inserted.


1 row inserted.


1 row inserted.
```



	MOVIEID	MOVIENAME	MOVIEPOSTER	MOVIEDIRECTOR	MOVIE
1	1	Aladdin	https://originalvintagemovieposters.com/wp-content/uploads/2020/03/Aladdin-9002-scaled.jpg	Guy Ritchie	Aladdi
2	10	CREED	https://image.tmdb.org/t/p/original/1BfTsk5VWuw8FCocAhCyqnRbEzq.jpg	Ryan Coogler	Boxing
3	2	Avatar The Way Of The Water	https://dylancolestudio.com/movie-posters	James Cameron	Ex mar
4	3	The Jungle Book	https://dylancolestudio.com/movie-posters	Jon Favreau	An adv

SELECT moviePrice FROM movie where movieid = 10;

(Returns the price of movie10 = 9.99)



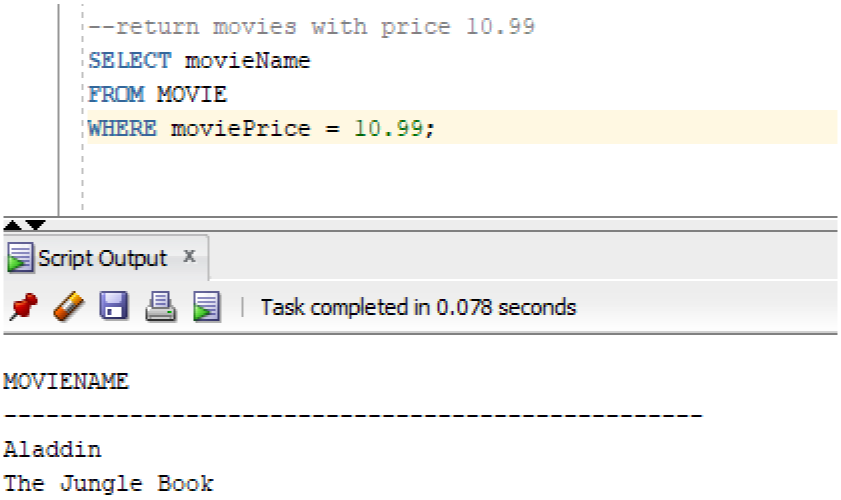
```
--return price
SELECT moviePrice FROM movie where movieid = 10;
```

Task completed in 0.062 seconds

```
MOVIEPRICE
----------
      9.99
```

SELECT movieName
FROM MOVIE
WHERE moviePrice = 10.99;

(Returns movies with price 10.99)



```
--return movies with price 10.99
SELECT movieName
FROM MOVIE
WHERE moviePrice = 10.99;
```

Task completed in 0.078 seconds

```
MOVIENAME
--------------------------------------------------
Aladdin
The Jungle Book
```