

SQLQuery\_1 - druc0000-sql-server.database.windows.net.cs-dsa-4513-sql-db (druc0000) - Azure Data Studio

File Edit View Help

CONNECTIONS

SERVERS

druc0000-sql-server.database.win...

Tables

Views

Synonyms

Programmability

External Resources

Storage

Security

Run Cancel Disconnect Change Connection cs-dsa-4513-sql-db Explain Enable SQLCMD

```
1  /*
2  We chose the table "Movie" to be indexed in our database, and did so by executing the following SQL statement.
3  */
4  CREATE INDEX movienameindex ON Movie (mname)
5
6  /*
7  We chose Movie because it is the table that gets the most queries
8  run on it so far, as well as being the largest table. This should
9  speed up those queries, like the following ones we re-ran.
10 */
11
12 SELECT DISTINCT pname
13 FROM Performer AS p, Director AS d, Movie AS m, Acted AS a
14 WHERE ( d.dname = 'Black' AND m.did = d.did AND a.mname = m.mname AND p.pid = a.pid AND p.years_of_experience > 19)
15
16 UPDATE Director
17 SET Director.earnings = Director.earnings * 0.90
18 FROM Director, Movie
19 WHERE Director.did = Movie.did AND Movie.mname = 'Up';
20
21 SELECT DISTINCT Performer.pid, Performer.pname
22 FROM Performer, Acted AS a1, Acted AS a2, Movie AS m1, Movie AS m2
```

Results Messages

pid	pname
1	Hanks
2	Morgan

pid	pname
1	5 Hanks

Ln 19, Col 26 (70 selected) Spaces: 4 UTF-8 LF SQL MSSQL 3 rows 00:00:01 druc0000-sql-server.database.windows.net:cs-dsa-4513-sql-db

Menu hw3problem1 - Google... [mason@mason-Thin... HW3\_Problem2\_Grou... SQLQuery\_1 - druc0... Sun Oct 13, 1:00 PM

SQLQuery\_1 - druc0000-sql-server.database.windows.net.cs-dsa-4513-sql-db (druc0000) - Azure Data Studio

File Edit View Help

CONNECTIONS

SERVERS

druc0000-sql-server.database.win...

Tables

Views

Synonyms

Programmability

External Resources

Storage

Security

Run Cancel Disconnect Change Connection cs-dsa-4513-sql-db Explain Enable SQLCMD

```
1  /*
2  We chose the table "Movie" to be indexed in our database, and did so by executing the following SQL statement.
3  */
4  CREATE INDEX movienameindex ON Movie (mname)
5
6  /*
7  We chose Movie because it is the table that gets the most queries
8  run on it so far, as well as being the largest table. This should
9  speed up those queries, like the following ones we re-ran.
10 */
11
12 SELECT DISTINCT pname
13 FROM Performer AS p, Director AS d, Movie AS m, Acted AS a
14 WHERE ( d.dname = 'Black' AND m.did = d.did AND a.mname = m.mname AND p.pid = a.pid AND p.years_of_experience > 19)
15
16 UPDATE Director
17 SET Director.earnings = Director.earnings * 0.90
18 FROM Director, Movie
19 WHERE Director.did = Movie.did AND Movie.mname = 'Up';
20
21 SELECT DISTINCT Performer.pid, Performer.pname
22 FROM Performer, Acted AS a1, Acted AS a2, Movie AS m1, Movie AS m2
```

Results Messages

12:59:35 PM Started executing query at Line 1

(2 rows affected)

(1 row affected)

(1 row affected)

Total execution time: 00:00:01.300

Ln 19, Col 26 (70 selected) Spaces: 4 UTF-8 LF SQL MSSQL 3 rows 00:00:01 druc0000-sql-server.database.windows.net:cs-dsa-4513-sql-db

Menu hw3problem1 - Google... [mason@mason-Thin... HW3\_Problem2\_Grou... SQLQuery\_1 - druc0... Sun Oct 13, 1:00 PM