



Connections

- Oracle Connections
- csc452
- Database Schema Service Connections

Part C Query 1 with report

Reports

- All Reports
- Analytic View Reports
- Data Dictionary Reports
- Data Modeler Reports
- OLAP Reports
- TimesTen Reports
- User Defined Reports

csc452.sql

SQL Worksheet History



csc452

Worksheet Query Builder

```
insert into SocialNetwork values ('Quincey', 'James');

With Reaches(person,friend,cnt,path) As
(Select person,friend,1,person||'.'|| friend
from SocialNetwork where Person='Brad' or friend='Brad'
Union All
Select R.Person,SN.Friend,cnt+1,R.Person||'.'||path
from SocialNetwork SN, Reaches R
where SN.Friend=R.Person and path NOT LIKE '%'||R.Friend||'%' )
select * from Reaches where person='Brad';
```

Script Output x Query Result x

SQL All Rows Fetched: 3 in 0.083 seconds

	PERSON	FRIEND	CNT	PATH
1	Brad	Fiona	1	Brad.Fiona
2	Brad	Gary	1	Brad.Gary
3	Brad	Hannah	1	Brad.Hannah

SQL History

SQL	Connection	TimeStamp	Type	Executed	Duration(se...)
With Reaches(person,friend,cnt,path) As(Select person,friend,1,perso...	csc452	03-OCT-22 ...	SQL	1	0.083
file:/C:/Users/Kumaresh/csc452.sql	csc452	03-OCT-22 ...	Script	83	0.0
SELECT Z.ZID, Z.ZName, COUNT(H.AnimalID) "Animal_count" FROM Ha...	csc452	03-OCT-22 ...	SQL	2	0.022
SELECT AName FROM Animal WHERE AName NOT LIKE '%bear%';	csc452	03-OCT-22 ...	SQL	2	0.016



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Part C Query 2 with report

csc452.sql

SQL Worksheet History

Worksheet

Query Builder

```
select * from Reaches where person='Brad';

With Reaches(person,friend,cnt,path) As
(Select person,friend,1,person||'.'|| friend
from SocialNetwork where person<>'Brad'
Union All
Select R.Person,SN.Friend,cnt+1,R.Person||'.'||path
from SocialNetwork SN, Reaches R
where R.Friend=SN.Person AND path NOT LIKE '%'||R.friend||'%' )
select * from Reaches where friend<>'Brad';
```

Script Output

Query Result

All Rows Fetched: 20 in 0.044 seconds

	PERSON	FRIEND	CNT	PATH
1	Amy	Christine	1	Amy.Christine
2	Amy	Edgar	1	Amy.Edgar
3	Christine	Hannah	1	Christine.Hannah
4	Christine	Ingrid	1	Christine.Ingrid
5	Christine	Dave	1	Christine.Dave
6	Dave	Ingrid	1	Dave.Ingrid
7	Dave	Kate	1	Dave.Kate
8	Dave	James	1	Dave.James
9	Dave	Leo	1	Dave.Leo
10	Edgar	Kate	1	Edgar.Kate

SQL History

SQL	Connection	TimeStamp	Type	Executed	Duration(se...)
With Reaches(person,friend,cnt,path) As(Select person,friend,1,perso...	csc452	03-OCT-22 ...	SQL	1	0.044
With Reaches(person,friend,cnt,path) As(Select person,friend,1,perso...	csc452	03-OCT-22 ...	SQL	1	0.083
file:/C:/Users/Kumaresh/csc452.sql	csc452	03-OCT-22 ...	Script	83	0.0
SELECT Z.ZID, Z.ZName, COUNT(H.AnimalID) "Animal_count" FROM Ha...	csc452	03-OCT-22 ...	SQL	2	0.022



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csc452.sql

SQL Worksheet History

Worksheet Query Builder

```
WITH Connects(Person,friend,cnt,path) AS
( SELECT Person, Friend,1,person||'.'|| friend
FROM SocialNetwork
WHERE friend= 'Christine' and Person<>'Christine'
UNION ALL
SELECT SN.Person, R.Friend,cnt+1,R.Person||'.'||path
FROM SocialNetwork SN,Connects R
where R.Friend = SN.Person and path NOT LIKE '%'||R.friend||'%' )
SELECT * FROM Connects where cnt > 1;
```

Script Output Query Result

All Rows Fetched: 0 in 0.068 seconds

PERSON FRIEND CNT PATH

SQL History

SQL	Connection	TimeStamp	Type	Executed	Duration(se...
WITH Connects(Person,friend,cnt,path) AS (SELECT Person, Friend, 1,...	csc452	03-OCT-22 ...	SQL	1	0.068
With Reaches(person,friend,cnt,path) As(Select person, friend, 1,perso...	csc452	03-OCT-22 ...	SQL	1	0.044
With Reaches(person,friend,cnt,path) As(Select person, friend, 1,perso...	csc452	03-OCT-22 ...	SQL	1	0.083
file:/C:/Users/Kumaresh/csc452.sql	csc452	03-OCT-22 ...	Script	83	0.0



Connections



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Part C Query 4 with report

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csc452.sql

SQL Worksheet History



Worksheet Query Builder

```
where R.Friend = SN.Person and path NOT LIKE '%||R.friend||%'

SELECT * FROM Connects where cnt > 1;

WITH Reaches (person,friend,cnt,path) AS
(SELECT Person, Person,1,person||'.'|| friend
FROM SocialNetwork WHERE Person = 'Amy'
UNION ALL
SELECT SN.Person, R.Friend,cnt+1,R.Person||'.'||path
FROM SocialNetwork SN,Reaches r where R.Friend = SN.Person and path NOT LIKE '%||R.friend||%'
SELECT * FROM Reaches WHERE friend = 'James' and cnt=(Select min(cnt) from reaches group by cnt);
```

Script Output Query Result

SQL | All Rows Fetched: 0 in 0.006 seconds

PERSON FRIEND CNT PATH

SQL History



SQL	Connection	TimeStamp	Type	Executed	Duration(se...
WITH Reaches (person,friend,cnt,path) AS (SELECT Person, Person,1,...	csc452	03-OCT-22 ...	SQL	2	0.006
file:/C:/Users/Kumaresh/csc452.sql	csc452	03-OCT-22 ...	Script	98	0.0
WITH Connects(Person,friend,cnt,path) AS (SELECT Person, Friend,1,...	csc452	03-OCT-22 ...	SQL	3	0.009
With Reaches(person,friend,cnt,path) As(Select person,friend,1,perso...	csc452	03-OCT-22 ...	SQL	2	0.083