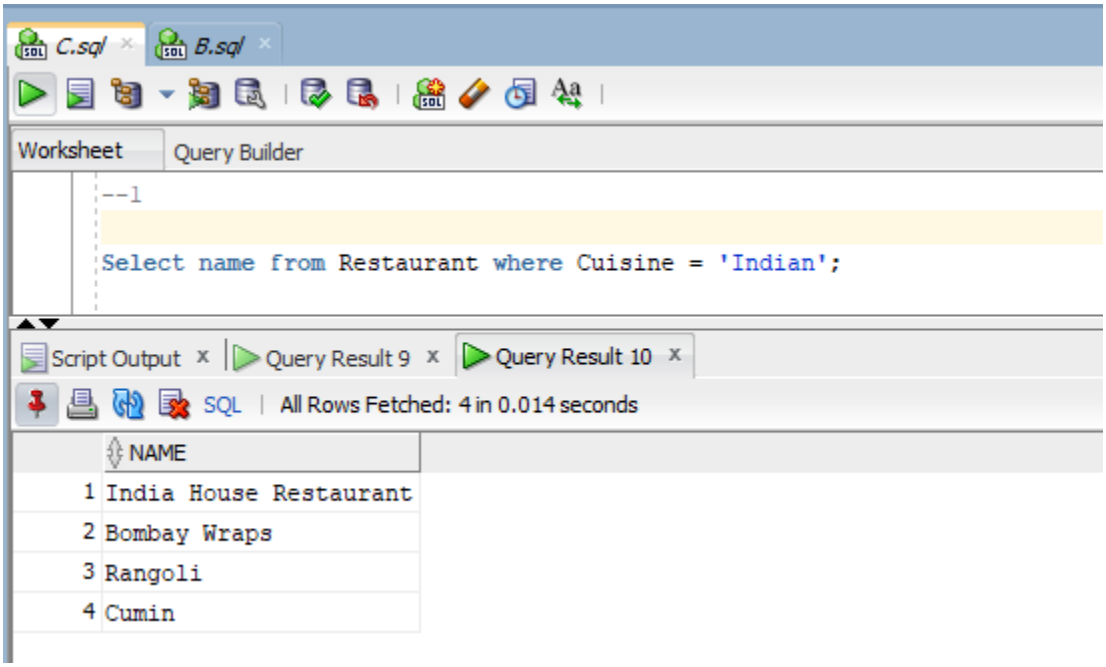
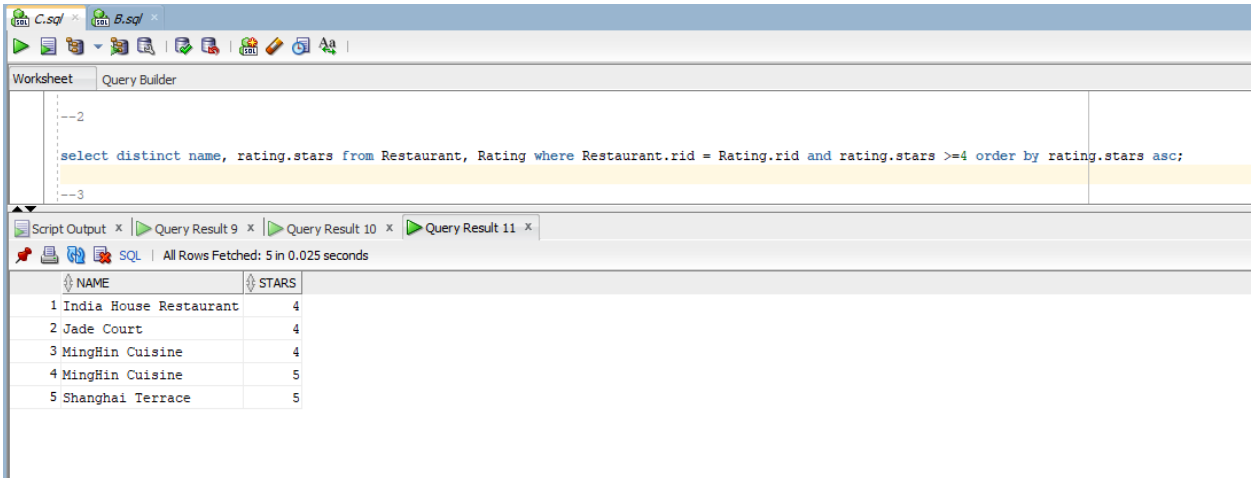
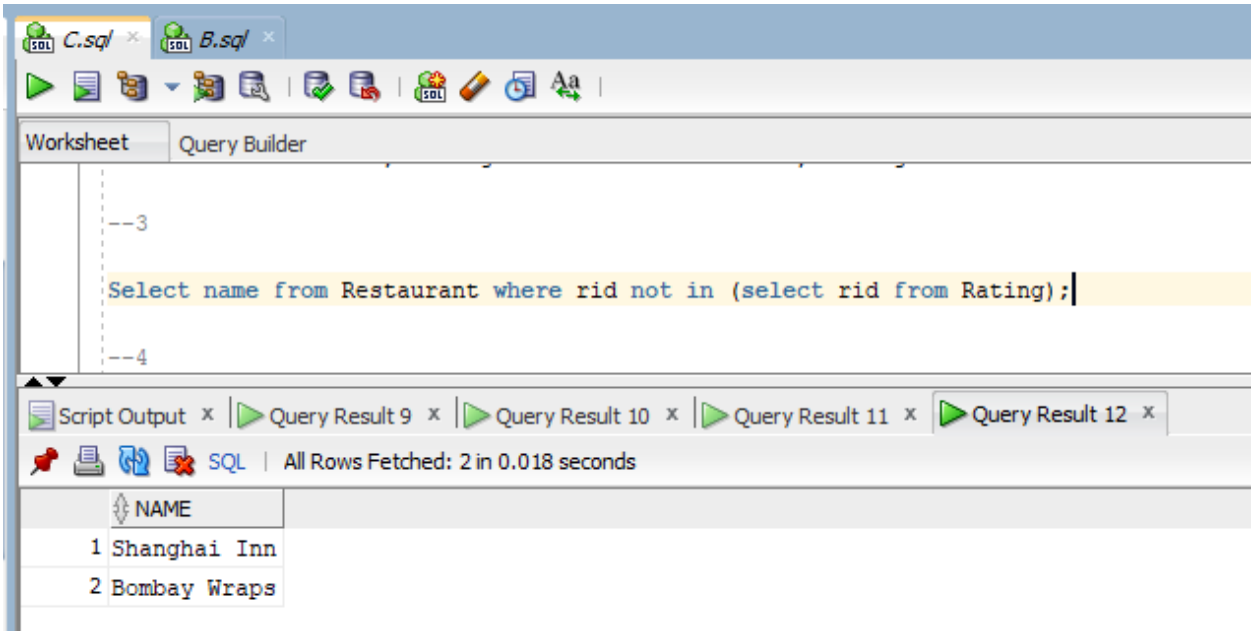
1)


C.sql
B.sql
Worksheet
Query Builder
--1
Select name from Restaurant where Cuisine = 'Indian';
Script Output
Query Result 9
Query Result 10
SQL | All Rows Fetched: 4 in 0.014 seconds
NAME
1 India House Restaurant
2 Bombay Wraps
3 Rangoli
4 Cumin

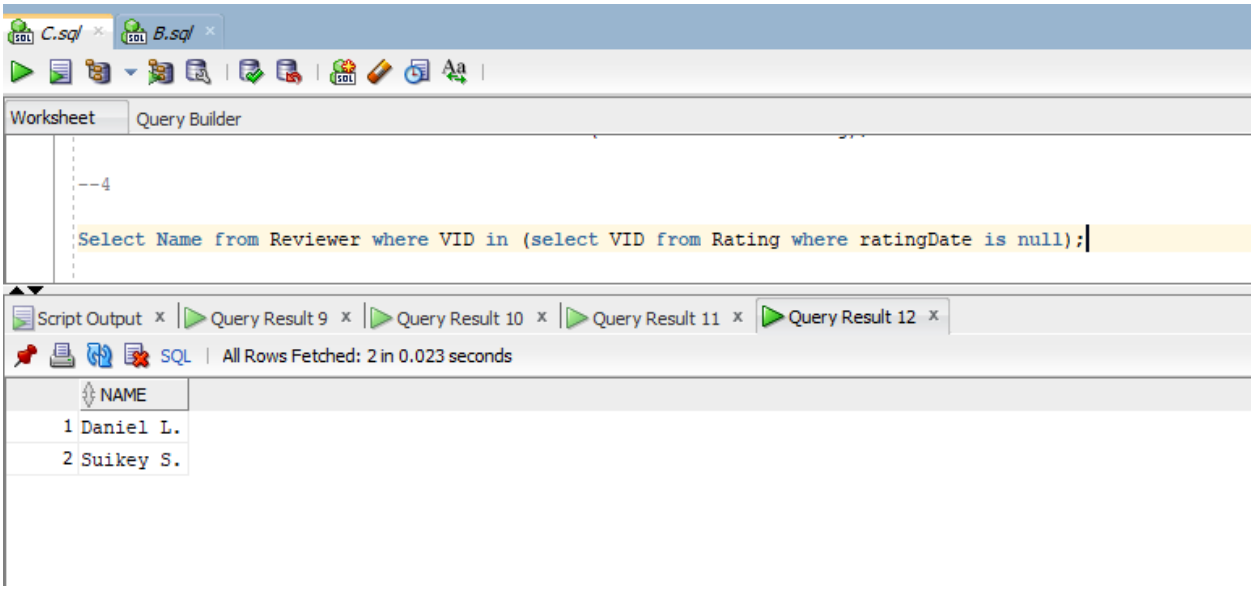
2)


C.sql
B.sql
Worksheet
Query Builder
--2
select distinct name, rating.stars from Restaurant, Rating where Restaurant.rid = Rating.rid and rating.stars >=4 order by rating.stars asc;
--3
Script Output
Query Result 9
Query Result 10
Query Result 11
SQL | All Rows Fetched: 5 in 0.025 seconds
NAME
STARS
1 India House Restaurant 4
2 Jade Court 4
3 MingHin Cuisine 4
4 MingHin Cuisine 5
5 Shanghai Terrace 5

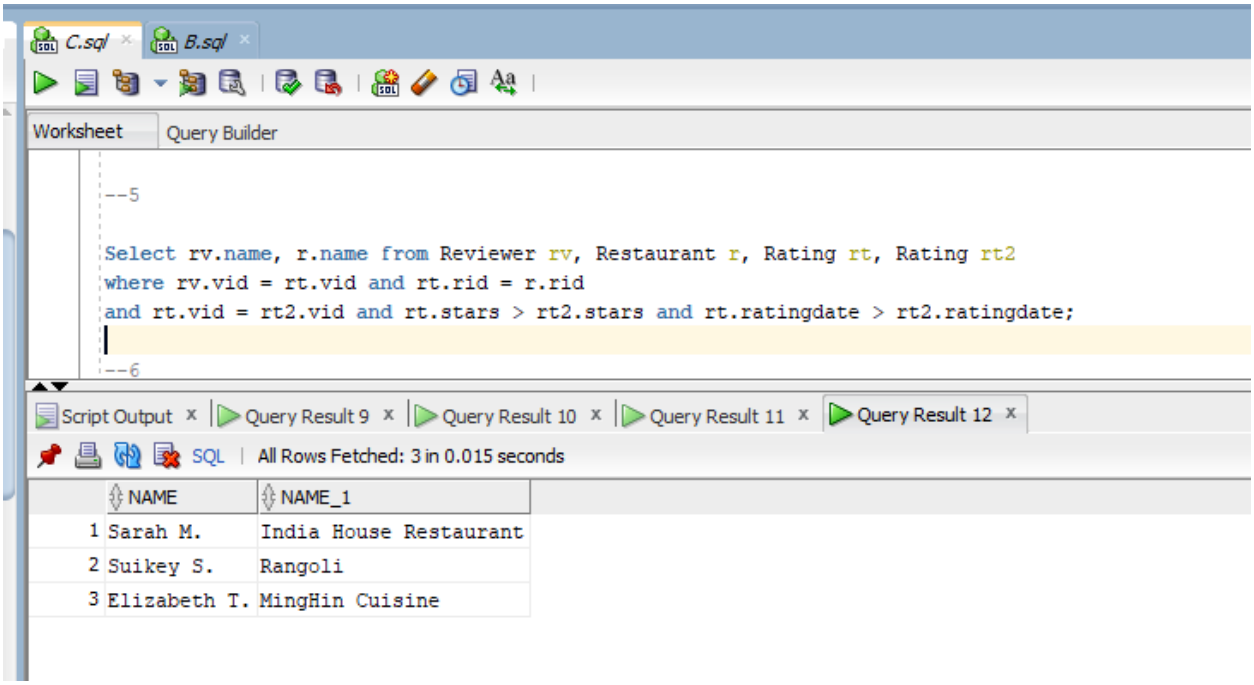
3)


C.sql
B.sql
Worksheet
Query Builder
--3
Select name from Restaurant where rid not in (select rid from Rating);
--4
Script Output
Query Result 9
Query Result 10
Query Result 11
Query Result 12
SQL | All Rows Fetched: 2 in 0.018 seconds
NAME
1 Shanghai Inn
2 Bombay Wraps

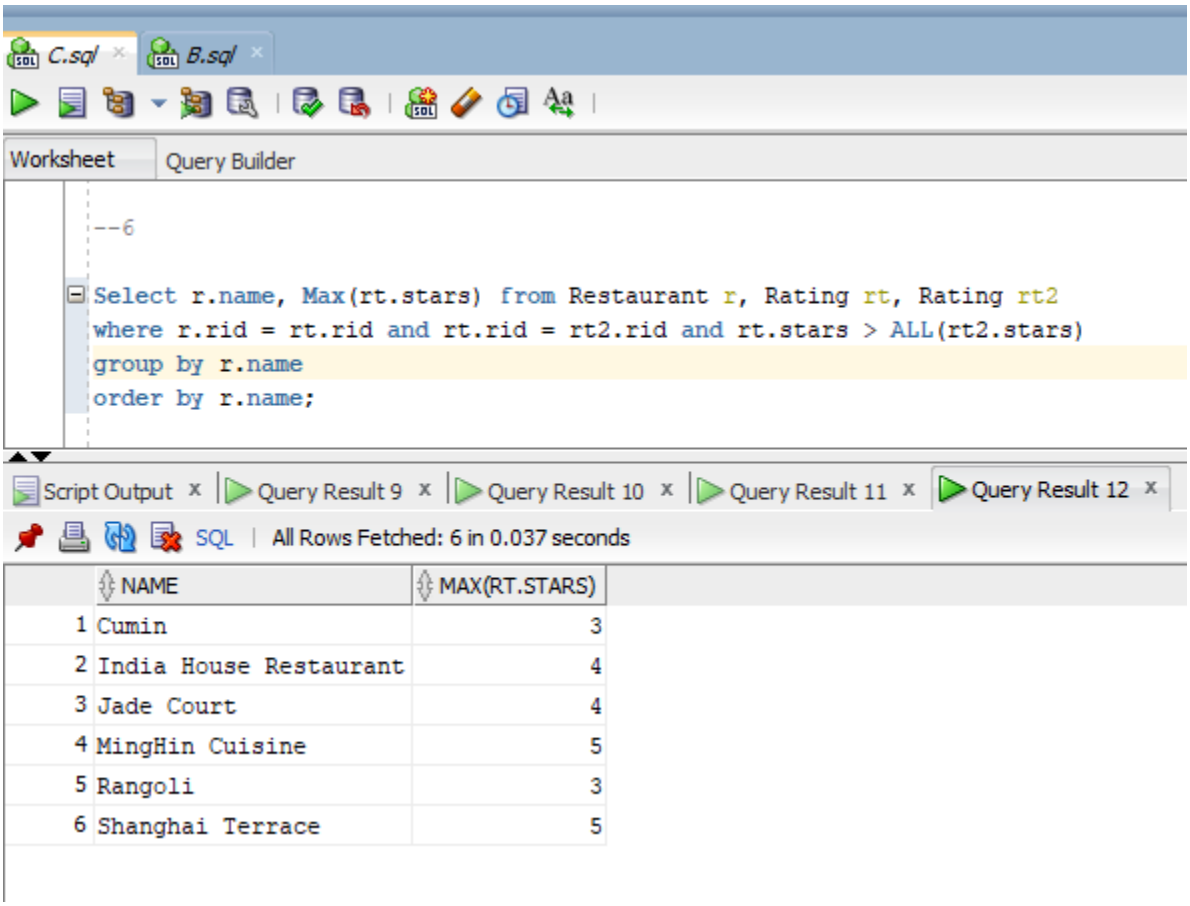
4)


C.sql
B.sql
Worksheet
Query Builder
--4
Select Name from Reviewer where VID in (select VID from Rating where ratingDate is null);
Script Output
Query Result 9
Query Result 10
Query Result 11
Query Result 12
SQL | All Rows Fetched: 2 in 0.023 seconds
NAME
1 Daniel L.
2 Suikey S.

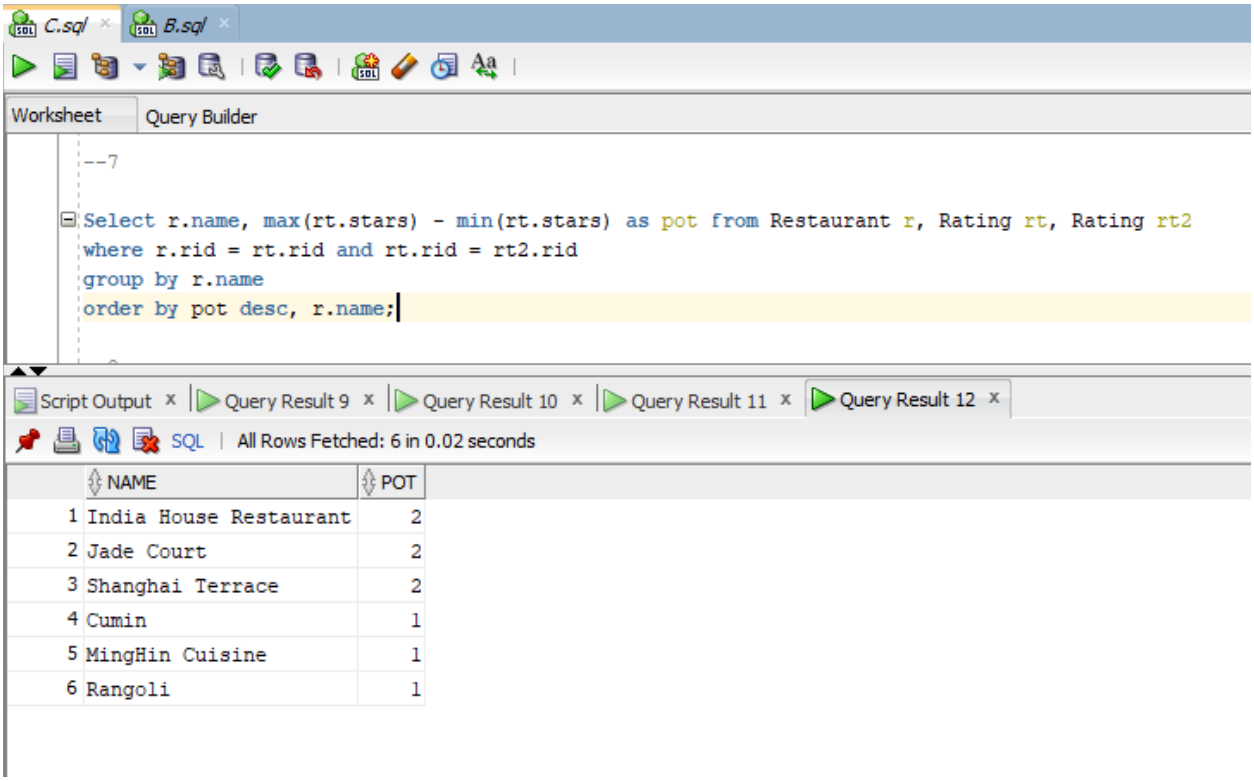
5)


C.sql
B.sql
Worksheet
Query Builder
--5
Select rv.name, r.name from Reviewer rv, Restaurant r, Rating rt, Rating rt2
where rv.vid = rt.vid and rt.rid = r.rid
and rt.vid = rt2.vid and rt.stars > rt2.stars and rt.ratingdate > rt2.ratingdate;
--6
Script Output
Query Result 9
Query Result 10
Query Result 11
Query Result 12
SQL
All Rows Fetched: 3 in 0.015 seconds
NAME
NAME_1
1 Sarah M. India House Restaurant
2 Suikey S. Rangoli
3 Elizabeth T. MingHin Cuisine

6)


C.sql
B.sql
Worksheet
Query Builder
--6
Select r.name, Max(rt.stars) from Restaurant r, Rating rt, Rating rt2
where r.rid = rt.rid and rt.rid = rt2.rid and rt.stars > ALL(rt2.stars)
group by r.name
order by r.name;
Script Output
Query Result 9
Query Result 10
Query Result 11
Query Result 12
SQL
All Rows Fetched: 6 in 0.037 seconds
NAME
MAX(RT.STARS)
1 Cumin 3
2 India House Restaurant 4
3 Jade Court 4
4 MingHin Cuisine 5
5 Rangoli 3
6 Shanghai Terrace 5

7)



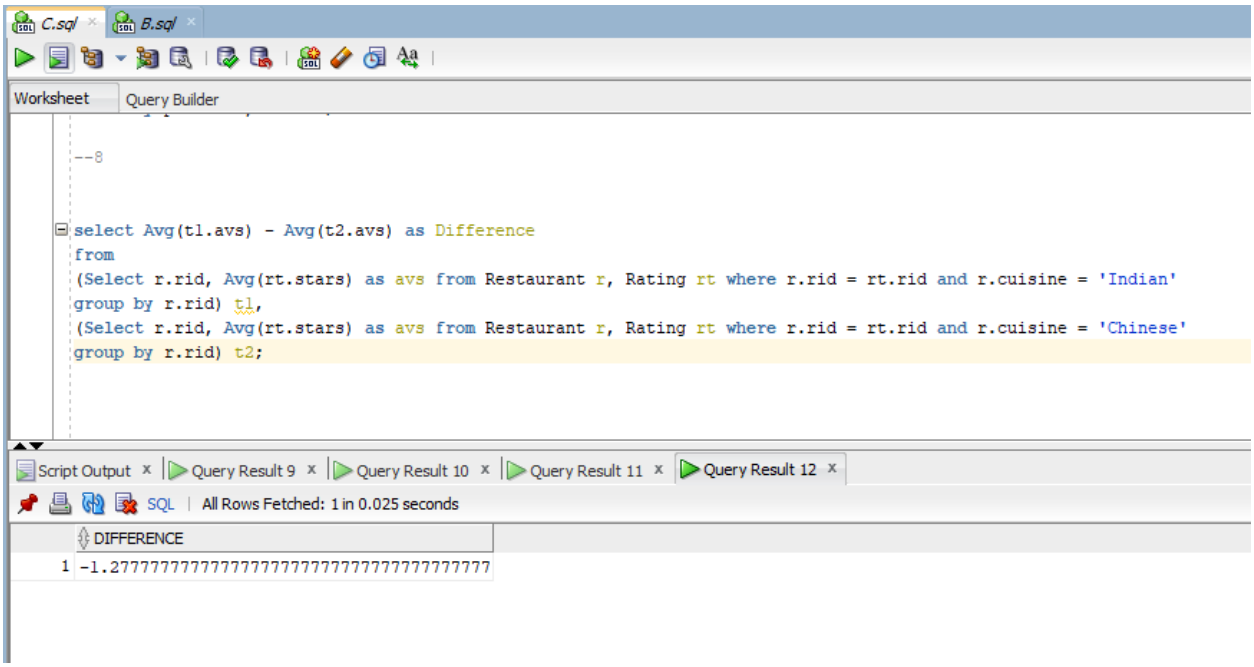
```
--7

Select r.name, max(rt.stars) - min(rt.stars) as pot from Restaurant r, Rating rt, Rating rt2
where r.rid = rt.rid and rt.rid = rt2.rid
group by r.name
order by pot desc, r.name;
```

Script Output | Query Result 9 | Query Result 10 | Query Result 11 | Query Result 12

SQL | All Rows Fetched: 6 in 0.02 seconds

	NAME	POT
1	India House Restaurant	2
2	Jade Court	2
3	Shanghai Terrace	2
4	Cumin	1
5	MingHin Cuisine	1
6	Rangoli	1

8)



```
--8

select Avg(t1.avs) - Avg(t2.avs) as Difference
from
(Select r.rid, Avg(rt.stars) as avs from Restaurant r, Rating rt where r.rid = rt.rid and r.cuisine = 'Indian'
group by r.rid) t1,
(Select r.rid, Avg(rt.stars) as avs from Restaurant r, Rating rt where r.rid = rt.rid and r.cuisine = 'Chinese'
group by r.rid) t2;
```

Script Output | Query Result 9 | Query Result 10 | Query Result 11 | Query Result 12

SQL | All Rows Fetched: 1 in 0.025 seconds

	DIFFERENCE
1	-1.27777777777777777777777777777777777777