

Kun Shan

Worksheet Query Builder

1
select NAME from RESTAURANT where CUISINE = 'Indian';

2
select * from RESTAURANT where ADDRESS like '%St%';

2 2
select NAME from RESTAURANT
left outer join RATING on RESTAURANT.RID = RATING.RID

Query Result x

SQL | All Rows Fetched: 4 in 0.03 seconds

NAME
1 India House Restaurant
2 Bombay Wraps
3 Rangoli
4 Cumin

SQL History

SQL	Connect...	TimeSt...	Type	Executed	Duratio...
select NAME from RESTAURANT where CUISINE = '...	CSC453	11-JAN-...	SQL	1	0.03
select R.* from R left outer join S on R.B<S.B wher...	CSC453	10-JAN-...	SQL	1	0.017
select distinct R.* from R left outer join S on R.B<S...	CSC453	10-JAN-...	SQL	1	0.022
select S.* from S left outer join R on S.B=R.B where...	CSC453	10-JAN-...	SQL	1	0.022

Worksheet Query Builder

2
select * from RESTAURANT where ADDRESS like '%St%';

2 2
select NAME from RESTAURANT
left outer join RATING on RESTAURANT.RID = RATING.RID
where STARS between 4 and 5
order by STARS;

3
select NAME from RESTAURANT

Query Result x

SQL | All Rows Fetched: 2 in 0.022 seconds

RID	NAME	ADDRESS	CUISINE
1	102 Bombay Wraps	122 N Wells St Chicago, IL 60606	Indian
2	107 Shanghai Terrace	108 E Superior St Chicago, IL 60611	Chinese

SQL History

SQL	Connect...	TimeSt...	Type	Executed	Duratio...
select * from RESTAURANT where ADDRESS like '%...	CSC453	11-JAN-...	SQL	3	0.022
select NAME from RESTAURANT where CUISINE = '...	CSC453	11-JAN-...	SQL	1	0.03
select R.* from R left outer join S on R.B<S.B wher...	CSC453	10-JAN-...	SQL	1	0.017
select distinct R.* from R left outer join S on R.B<S...	CSC453	10-JAN-...	SQL	1	0.022

Worksheet Query Builder

```
-- 2 2
select NAME from RESTAURANT
  left outer join RATING on RESTAURANT.RID = RATING.RID
                    where STARS between 4 and 5
order by STARS;
```

```
-- 3
select NAME from RESTAURANT
  left outer join RATING on RESTAURANT.RID = RATING.RID
                    where RATING.RID is null;
```

Query Result x

SQL | All Rows Fetched: 6 in 0.018 seconds

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

SQL History

SQL	Connect...	TimeSt...	Type	Executed	Duration...
select NAME from RESTAURANT left outer join R...	CSC453	11-JAN-...	SQL	2	0.018
select * from RESTAURANT where ADDRESS like '%...	CSC453	11-JAN-...	SQL	3	0.022
select NAME from RESTAURANT where CUISINE = '...	CSC453	11-JAN-...	SQL	1	0.03
select R.* from R left outer join S on R.B<S.B wher...	CSC453	10-JAN-...	SQL	1	0.017
select distinct R.* from R left outer join S on R.B<S.B wher...	CSC453	10-JAN-...	SQL	1	0.022

Worksheet Query Builder

```
-- 3
select NAME from RESTAURANT
  left outer join RATING on RESTAURANT.RID = RATING.RID
                    where RATING.RID is null;
```

```
-- 4
select NAME from REVIEWER
  left outer join RATING on REVIEWER.VID = RATING.VID
                    where RATINGDATE is null and RID is not null;
```

```
-- 5
select REVIEWER_NAME, RESTAURANT_NAME from RATING
```

Query Result x

SQL | All Rows Fetched: 2 in 1.476 seconds

NAME
1 Shanghai Inn
2 Bombay Wraps

SQL History

SQL	Connect...	TimeSt...	Type	Executed	Duration...
select NAME from RESTAURANT left outer join R...	CSC453	11-JAN-...	SQL	1	1.476
select NAME from RESTAURANT left outer join R...	CSC453	11-JAN-...	SQL	2	0.018
select * from RESTAURANT where ADDRESS like '%...	CSC453	11-JAN-...	SQL	3	0.022
select NAME from RESTAURANT where CUISINE = '...	CSC453	11-JAN-...	SQL	1	0.03
select R.* from R left outer join S on R.B<S.B wher...	CSC453	10-JAN-...	SQL	1	0.017

Worksheet Query Builder

```

-- 4
select NAME from REVIEWER
  left outer join RATING on REVIEWER.VID = RATING.VID
where RATINGDATE is null and RID is not null;

-- 5
select REVIEWER.NAME, RESTAURANT.NAME from RATING
  inner join RATING R2 on RATING.RID=R2.RID and RATING.VID = R2.VID
  left outer join REVIEWER on RATING.VID = REVIEWER.VID
  left outer join RESTAURANT on RATING.RID = RESTAURANT.RID
where R2.RATINGDATE>RATING.RATINGDATE and R2.STARS>RATING.STARS;

```

Query Result x

SQL | All Rows Fetched: 2 in 0.021 seconds

NAME
1 Daniel L.
2 Suikey S.

SQL History

SQL	Connect...	TimeSt...	Type	Executed	Duratio...
select NAME from REVIEWER left outer join RATI...	CSC453	11-JAN-...	SQL	1	0.021
select NAME from RESTAURANT left outer join R...	CSC453	11-JAN-...	SQL	1	1.476
select NAME from RESTAURANT left outer join R...	CSC453	11-JAN-...	SQL	2	0.018
select * from RESTAURANT where ADDRESS like %...	CSC453	11-JAN-...	SQL	3	0.022
select NAME from RESTAURANT where CUISINE = 'I...	CSC453	11-JAN-...	SQL	1	0.022

Worksheet Query Builder

```

-- 5
select REVIEWER.NAME, RESTAURANT.NAME from RATING
  inner join RATING R2 on RATING.RID=R2.RID and RATING.VID = R2.VID
  left outer join REVIEWER on RATING.VID = REVIEWER.VID
  left outer join RESTAURANT on RATING.RID = RESTAURANT.RID
where R2.RATINGDATE>RATING.RATINGDATE and R2.STARS>RATING.STARS;

-- 6
select REVIEWER.* from REVIEWER
  left outer join RATING on REVIEWER.VID = RATING.VID
where RID is null;

```

Query Result x

SQL | All Rows Fetched: 1 in 0.016 seconds

NAME	NAME_1
1 Sarah M.	India House Restaurant

SQL History

SQL	Connect...	TimeSt...	Type	Executed	Duratio...
select REVIEWER.NAME, RESTAURANT.NAME from R...	CSC453	11-JAN-...	SQL	1	0.016
select NAME from REVIEWER left outer join RATI...	CSC453	11-JAN-...	SQL	1	0.021
select NAME from RESTAURANT left outer join R...	CSC453	11-JAN-...	SQL	1	1.476
select NAME from RESTAURANT left outer join R...	CSC453	11-JAN-...	SQL	2	0.018
select * from RESTAURANT where ADDRESS like %...	CSC453	11-JAN-...	SQL	3	0.022

Worksheet Query Builder

```

select REVIEWER.NAME,RESTAURANT.NAME from RATING
inner join RATING R2 on RATING.RID=R2.RID and RATING.VID = R2.VID
left outer join REVIEWER on RATING.VID = REVIEWER.VID
left outer join RESTAURANT on RATING.RID = RESTAURANT.RID
where R2.RATINGDATE>RATING.RATINGDATE and R2.STARS>RATING.STARS;
-- 6
select REVIEWER.* from REVIEWER
left outer join RATING on REVIEWER.VID = RATING.VID
where RID is null;

```

Query Result x

SQL All Rows Fetched: 1 in 0.02 seconds

VID	NAME
1	2008 Vivek T.

SQL History

SQL	Connect...	TimeSt...	Type	Executed	Duratio...
select REVIEWER.* from REVIEWER left outer join...	CSC453	11-JAN-...	SQL	1	0.02
select REVIEWER.NAME,RESTAURANT.NAME from R...	CSC453	11-JAN-...	SQL	1	0.016
select NAME from REVIEWER left outer join RATI...	CSC453	11-JAN-...	SQL	1	0.021
select NAME from RESTAURANT left outer join R...	CSC453	11-JAN-...	SQL	1	1.476
select NAME from RESTAURANT left outer join R...	CSC453	11-JAN-...	SQL	1	0.018