

92.7 BIG FM radio network database Analysis





Challenge

The challenge is to craft SQL queries to extract insights from the 92.7 BIG FM radio network database.



Table

- 1 Stations
- 2 Hosts
- 3 Shows
- 4 Partnerships
- 5 Show Partnerships
- 6 Awards
- 7 Online Presence



Questions

- Retrieve all stations in the "East" region?
- List all shows hosted by "Vrajesh Hirjee"?
- Count the number of awards each show has won?
- Find shows that have partnerships with "Spotify"?
- List the shows and their launch dates in descending order of launch date?
- Find the total count of shows for each host?
- Show the online presence platforms with their links?
- Retrieve the stations in the "South" region launched after 2010?
- Rank hosts based on the number of shows they have hosted?



Retrieve all stations in the "East" region?



```
205
206
207 #1) Retrieve all stations in the "East" region?
208 • select stationid,stationname , location from stations
209 where location="east";
210
211
212
```

Result Grid | Filter Rows: Export: Wrap Cell Content:

	stationid	stationname	location
▶	1	Asansol	East
.....	2	Bhubaneswar	East
	3	Guwahati	East
	4	Jamshedpur	East
	5	Kolkata	East
	6	Ranchi	East
	7	Rourkela	East

List all shows hosted by "Vrajesh Hirjee"?

```
208      #2)List all shows hosted by "Vrajesh Hirjee"?
209 •  select hostname , showname from hosts
210   inner join shows
211   on hosts.hostid=shows.hostid where hostname="Vrajesh Hirjee";
212
213
214
215
```

Result Grid | Filter Rows: Export: Wrap Cell Content:

	hostname	showname
▶	Vrajesh Hirjee	21 Din Wellness In with Sunil Shetty



Count the number of awards each show has won?



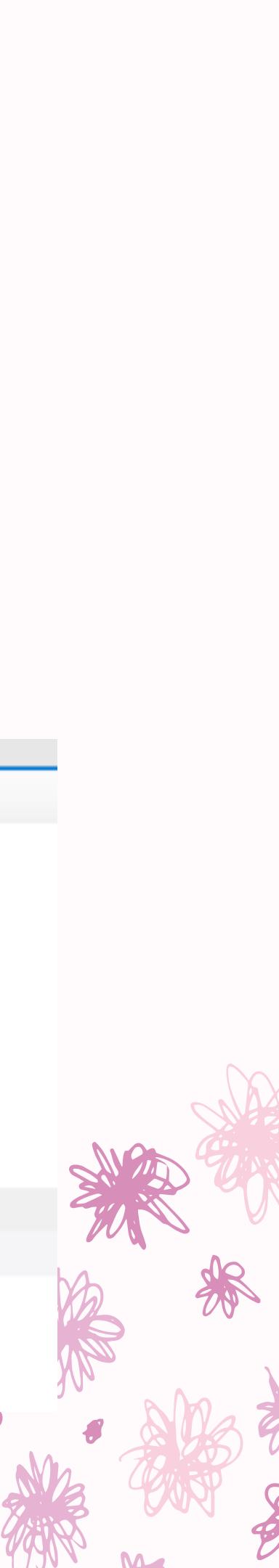
```
214 #3)Count the number of awards each show has won?  
215 • select shows.showname , awards.awardname , count(awards.awardid) as total_awards  
216 from shows inner join awards  
217 on shows.showid=awards.showid group by shows.showid , awards.awardname;  
218  
219  
220  
221  
222
```

Result Grid | Filter Rows: _____ | Export: | Wrap Cell Content:

showname	awardname	total_awards
Suhaana Safar with Annu Kapoor	IRF Gold	1
Yaadon Ka Idiot Box with Neelesh Misra	IRF Gold	1
Dhun Badal Ke Toh Dekho Season 1 (with Vidya ...	ABBY	1
Dhun Badal Ke Toh Dekho Season 2 (with Sadhg...	NYF Radio Award	1
21 Din Wellness In with Sunil Shetty	Indian Radio Forum Gold	1
Green Ganeshaa	Indian Radio Forum Gold	1



Find shows that have partnerships with "Spotify"?



```
92.7 BIG FM radio network Anal... X
220      #4)Find shows that have partnerships with "Spotify"?
221 •   select  shows.showname , partnerships.partnername from shows
222     inner join ShowPartnerships
223     on
224       shows.showid=ShowPartnerships.showid
225     inner join partnerships
226     on ShowPartnerships.partnershipid=partnerships.partnershipid
227     where partnername="spotify";
228
```

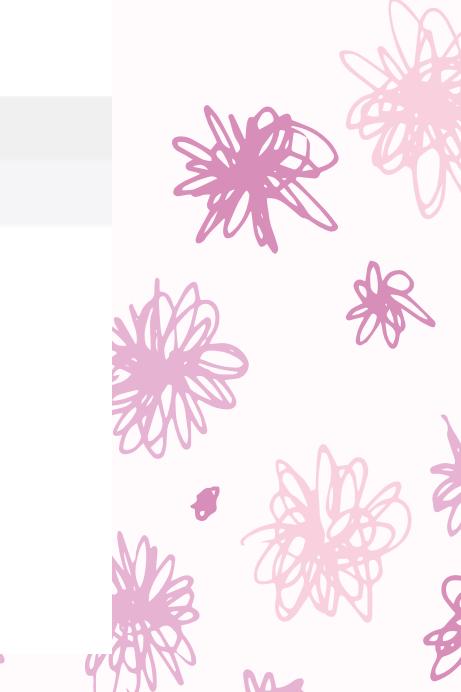
Result Grid | Filter Rows: _____ | Export: _____ | Wrap Cell Content: _____

showname	partnername
Suhaana Safar with Annu Kapoor	Spotify



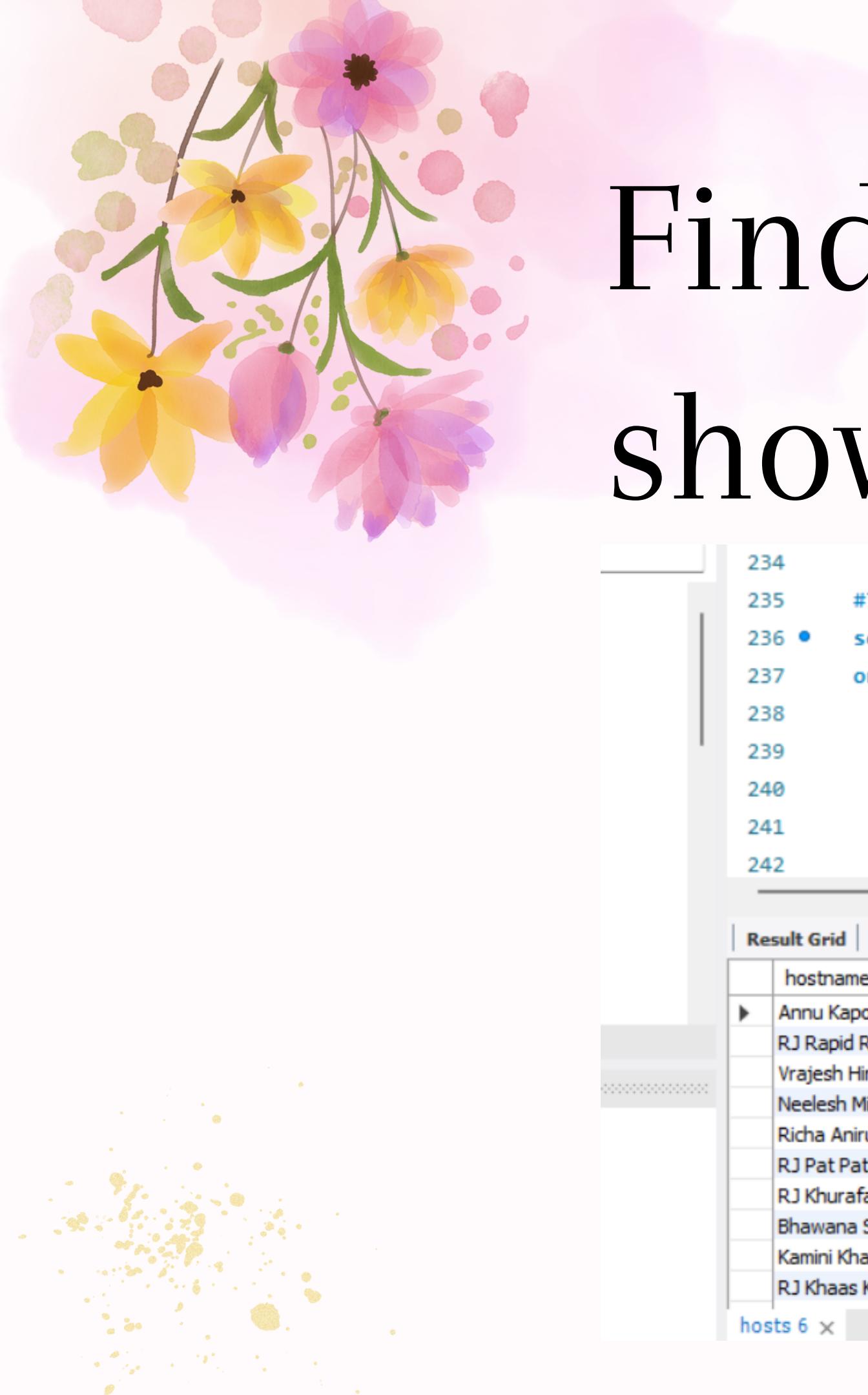
List the shows and their launch dates in descending order of launch date?

```
228
229
230      #6)List the shows and their launch dates in descending order of launch date?
231 •  select showname,launchdate from shows
232      order by launchdate desc;
233
234
235
236
```



Result Grid | Filter Rows: _____ | Export: | Wrap Cell Content:

showname	launchdate
21 Din Wellness In with Sunil Shetty	2023-01-01
Green Ganeshा	2023-01-01
Dhun Badal Ke Toh Dekho Season 1 (with Vidya ...	2019-01-01
Dhun Badal Ke Toh Dekho Season 2 (with Sadhg...	2019-01-01
Suhaana Safar with Annu Kapoor	2006-09-01
Yaadon Ka Idiot Box with Neelesh Misra	2006-09-01



Find the total count of shows for each host?

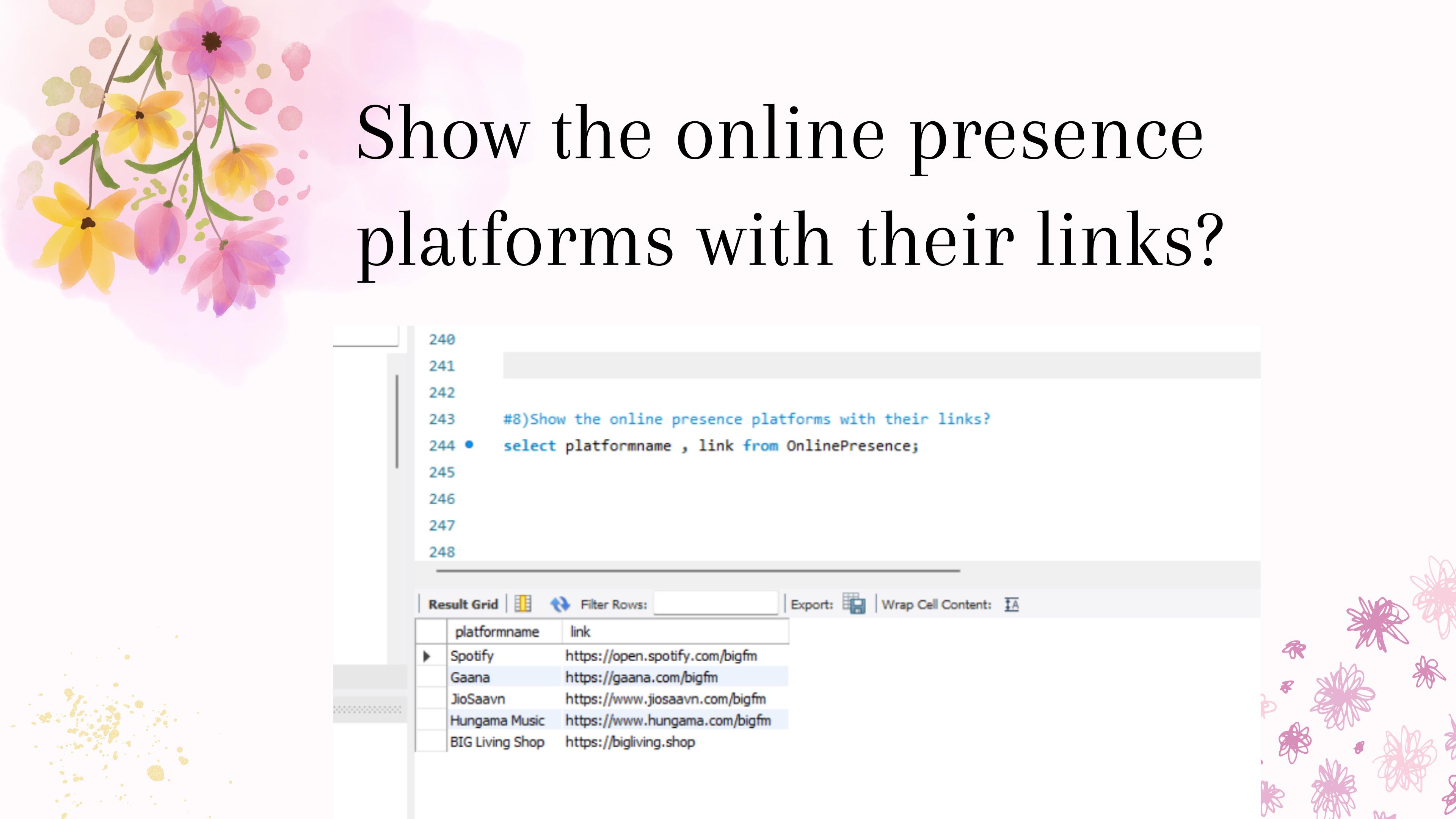
```
234
235      #7)Find the total count of shows for each host?
236 •  select hostname , showcount from hosts
237      order by showcount desc;
238
239
240
241
242
```

Result Grid | Filter Rows: Export: Wrap Cell Content:

hostname	showcount
Annu Kapoor	3
RJ Rapid Rashmi	3
Vrajesh Hirjee	2
Neelesh Misra	2
Richa Anirudh	2
RJ Pat Pat Pataki Shruti	2
RJ Khurafati Nitin	2
Bhawana Somaaya	1
Kamini Khanna	1
RJ Khaas Koushik	1

hosts 6 x



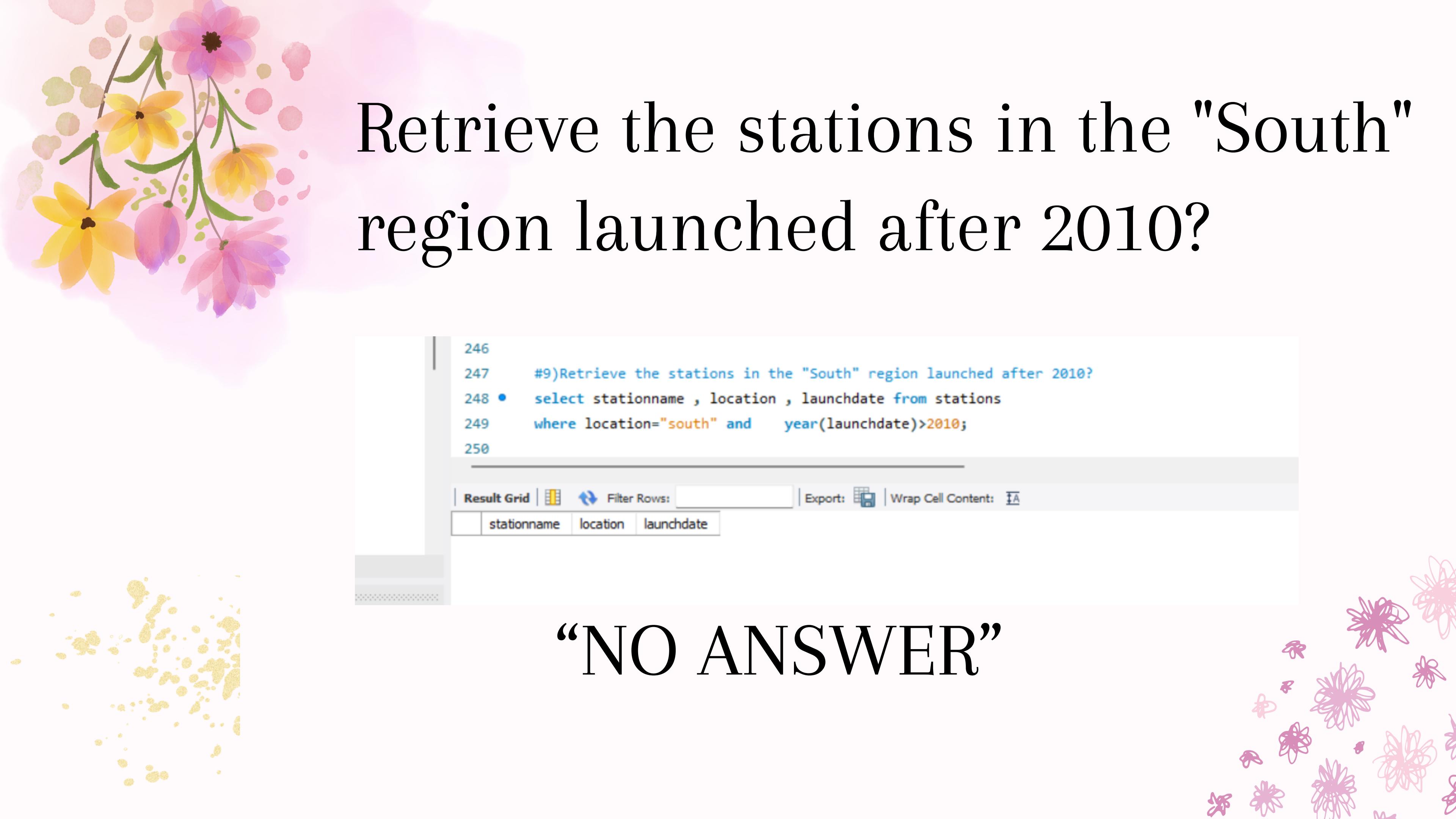


Show the online presence platforms with their links?

```
240  
241  
242  
243      #8)Show the online presence platforms with their links?  
244 •   select platformname , link from OnlinePresence;  
245  
246  
247  
248
```

Result Grid | Filter Rows: Export: Wrap Cell Content:

	platformname	link
▶	Spotify	https://open.spotify.com/bigfm
	Gaana	https://gaana.com/bigfm
	JioSaavn	https://www.jiosaavn.com/bigfm
	Hungama Music	https://www.hungama.com/bigfm
	BIG Living Shop	https://bigliving.shop



Retrieve the stations in the "South" region launched after 2010?

```
246
247      #9)Retrieve the stations in the "South" region launched after 2010?
248 •  select stationname , location , launchdate from stations
249      where location="south" and      year(launchdate)>2010;
250
```

Result Grid		
stationname	location	launchdate

“NO ANSWER”



Rank hosts based on the number of shows they have hosted?

```
258  
259      #10)Rank hosts based on the number of shows they have hosted::  
260 •  select hosts.hostname , hosts.showcount  from hosts left join shows  
261   on hosts.hostid=shows.showid order by hosts.showcount desc;  
262  
263
```

Result Grid | Filter Rows: Export: Wrap Cell Content:

	hostname	showcount
▶	Annu Kapoor	3
	RJ Rapid Rashmi	3
	Vrajesh Hirjee	2
	Neelesh Misra	2
	Richa Anirudh	2
	RJ Pat Pat Pataki Shruti	2
	RJ Khurafati Nitin	2
	Bhawana Somaaya	1
	Kamini Khanna	1
	RJ Khaas Koushik	1

Result 9



Thank You