```sql
use demo;

/*Q1 */
SELECT  Tweets.Retweet_count, Tweets.Text_body ,
Tweets.posting_user, TwitterUser.Category,
TwitterUser.Sub_category
FROM Tweets INNER JOIN TwitterUser
ON Tweets.posting_user = TwitterUser.Screen_name
WHERE Month_posted = 1 and Year_posted = 2016 ORDER BY
Retweet_count  desc limit 5;


/*Q3 */
SELECT  MIN (Tweets.posting_user) AS posting_user,
TwitterUser.state
FROM hashtags INNER JOIN Tweets INNER JOIN TwitterUser
ON Tweets.posting_user = TwitterUser.Screen_name and
Tweets.Tweet_id = hashtags.Tweet_id
WHERE Tag_name = "HappyNewYear" OR Tag_name = "NewYear" OR
Tag_name ="NewYears" OR Tag_name ="NewYearsDay" GROUP BY
TwitterUser.state ORDER BY TwitterUser.Followers desc limit 12;


/*Q4 */
SELECT  Screen_name, Sub_category, followers
FROM TwitterUser
WHERE Sub_category="GOP"  ORDER BY followers   desc limit 5;

SELECT  Screen_name, Sub_category, followers
FROM TwitterUser
WHERE Sub_category ="Democrat"   ORDER BY followers   desc limit
5;


/*Q5 */
SELECT  hashtags.Tag_name,  TwitterUser.state
FROM hashtags INNER JOIN Tweets INNER JOIN TwitterUser
ON Tweets.posting_user = TwitterUser.Screen_name and
Tweets.Tweet_id = hashtags.Tweet_id
WHERE TwitterUser.state = "Ohio" OR TwitterUser.state = "Alaska"
OR TwitterUser.state ="Alabama" and Month_posted = 1 and
Year_posted=2016 GROUP BY Tag_name HAVING COUNT(Tag_name) = 1;


/*Q6 */
```

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SELECT   Tweets.Text_body , Tag_name, Tweets.posting_user,
TwitterUser.Sub_category
FROM hashtags INNER JOIN Tweets INNER JOIN TwitterUser
ON Tweets.posting_user = TwitterUser.Screen_name and
Tweets.Tweet_id = hashtags.Tweet_id
WHERE Tag_name ="Ohio" and TwitterUser.state="Ohio" and
(Sub_category="GOP" or Sub_category ="Democrat") and Month_posted
= 1 and Year_posted = 2016   limit 5;


/*Q7 */
SELECT   Tweets.posting_user, TwitterUser.state,
GROUP_CONCAT(DISTINCT urls.url  ORDER BY urls.url)
FROM urls INNER JOIN Tweets INNER JOIN TwitterUser
ON tweets.posting_user = TwitterUser.Screen_name and
Tweets.Tweet_id = urls.Tweet_id
WHERE Sub_category="GOP" and Month_posted = 1 and Year_posted =
2016 GROUP BY Tweets.posting_user;


/* Q8*/
SELECT hashtags.Tag_name, COUNT (hashtags.Tweet_id)
FROM hashtags INNER JOIN mentioned USING (Tweet_id) INNER JOIN
TwitterUser USING(Screen_name)
INNER JOIN Tweets
ON (TwitterUser.Screen_name = Tweets.posting_user AND
Tweets.Tweet_id = mentioned.Tweet_id)
WHERE TwitterUser.Sub_category =
AND Tweets.Month_posted IN (1,2,3)
AND Tweets.Year_posted = 2016
GROUP BY hastags.Tag_name ORDER BY COUNT(Tweets.Tweet_id) desc
limit 5;
```