

SPONSORED BY  
SHUTTERSTOCK

Take advantage of Shutterstock's (<https://srv.buysellads.com/ads/click/x/GTND42JICT7D527ECKS4YKQNKCYD423MCYYD5Z3JCY7ITKJLCW7ICK7KCAADC2QYCA7IKKJNCVAI623NFTB4YKQNKCYE>) 1-month free trial and download 10 images on us!

HIDE AD • AD VIA BUYSSELLADS (HTTP://SELFserve.BUYSSELLADS.COM/CHECKOUT/NEW/?UTM\_SOURCE=W3RESOURCE-COM-FLEX-BAR&amp;UTM\_MEDIUM=AD\_VIA\_LINK&amp;UTM\_CAMPAIGN=IN\_UNIT&amp;UTM\_TERM=FLEXBAR)

 w3resource (<https://www.w3resource.com/index.php>)

## SQL exercises on hospital Database: Find out the floor where the minimum no of rooms are available

Last update on February 26 2020 08:07:51 (UTC/GMT +8 hours)

datastax.com  
 Best-in-class Stean

### SQL hospital Database: Exercise-27 with Solution

27. Write a query in SQL to find out the floor where the minimum no of rooms are available.

Sample table: room

roomnumber	roomtype	blockfloor	blockcode	unavailable
101	Single	1	1	f
102	Single	1	1	f
103	Single	1	1	f
111	Single	1	2	f
112	Single	1	2	t
113	Single	1	2	f
121	Single	1	3	f
122	Single	1	3	f
123	Single	1	3	f

Sample Solution:

```

1 SELECT blockfloor as "Floor",
2     count(*) AS "No of available rooms"
3 FROM room
4 WHERE unavailable='false'
5 GROUP BY blockfloor
6 HAVING count(*) =
7     (SELECT min(zz) AS highest_total
8     FROM
9         ( SELECT blockfloor ,
10             count(*) AS zz
11         FROM room
12         WHERE unavailable='false'
13         GROUP BY blockfloor ) AS t );

```

Sample Output:

Floor	No of available rooms
3	7
4	7
2	7
(3 rows)	

Practice Online



```
SELECT blockfloor as "Floor",
       count(*) AS  "No of available rooms"
FROM room
WHERE unavailable='false'
GROUP BY blockfloor
HAVING count(*) =
      (SELECT min(zz) AS highest_total
      FROM
        ( SELECT blockfloor ,
                 count(*) AS zz
          FROM room
          WHERE unavailable='false'
```

(<https://www.w3resource.com/cpp-exercises/basic/cpp-basic-exercise-25.php>)

**C++ Exercises: Convert temperature in Kelvin to Celsius - w3resource**

[Read Next Story >](#)