/\* Welcome to the SQL mini project. For this project, you will use

Springboard' online SQL platform, which you can log into through the

following link:

https://sql.springboard.com/

Username: student

Password: learn\_sql@springboard

The data you need is in the "country\_club" database. This database

contains 3 tables:

i) the "Bookings" table,

ii) the "Facilities" table, and

iii) the "Members" table.

Note that, if you need to, you can also download these tables locally.

In the mini project, you'll be asked a series of questions. You can

solve them using the platform, but for the final deliverable,

paste the code for each solution into this script, and upload it

to your GitHub.

Before starting with the questions, feel free to take your time,

exploring the data, and getting acquainted with the 3 tables. \*/

/\* Q1: Some of the facilities charge a fee to members, but some do not.

Please list the names of the facilities that do. \*/

**Answer :**

SELECT facid, name, membercost

FROM Facilities

WHERE membercost <=0

LIMIT 0 , 30

**Result**:

| **[Full texts](https://sql.springboard.com/phpmyadmin/sql.php?db=country_club&table=Facilities&sql_query=SELECT+facid%2C+name%2C+membercost%0D%0AFROM+Facilities%0D%0AWHERE+membercost+%3C%3D0%0D%0ALIMIT+0+%2C+30%0D%0A&goto=tbl_sql.php&full_text_button=1&display_text=F&token=707d1587f722631ce341ad5c46e419c9)** | | | | [**facid**](https://sql.springboard.com/phpmyadmin/sql.php?db=country_club&table=Facilities&sql_query=SELECT+facid%2C+name%2C+membercost%0AFROM+Facilities%0AWHERE+membercost+%3C%3D0%0AORDER+BY+%60Facilities%60.%60facid%60+ASC%0ALIMIT+0+%2C+30&session_max_rows=30&token=707d1587f722631ce341ad5c46e419c9) | [**name**](https://sql.springboard.com/phpmyadmin/sql.php?db=country_club&table=Facilities&sql_query=SELECT+facid%2C+name%2C+membercost%0AFROM+Facilities%0AWHERE+membercost+%3C%3D0%0AORDER+BY+%60Facilities%60.%60name%60+ASC%0ALIMIT+0+%2C+30&session_max_rows=30&token=707d1587f722631ce341ad5c46e419c9) | [**membercost**](https://sql.springboard.com/phpmyadmin/sql.php?db=country_club&table=Facilities&sql_query=SELECT+facid%2C+name%2C+membercost%0AFROM+Facilities%0AWHERE+membercost+%3C%3D0%0AORDER+BY+%60Facilities%60.%60membercost%60+ASC%0ALIMIT+0+%2C+30&session_max_rows=30&token=707d1587f722631ce341ad5c46e419c9) |
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/\* Q2: How many facilities do not charge a fee to members? \*/

**Answer :**

SELECT COUNT( \* )

FROM Facilities

WHERE membercost <=0

LIMIT 0 , 30

**Result**:

COUNT( \* )4

/\* Q3: How can you produce a list of facilities that charge a fee to members,

where the fee is less than 20% of the facility's monthly maintenance cost?

Return the facid, facility name, member cost, and monthly maintenance of the

facilities in question. \*/

**Answer :**

SELECT facid, name, membercost, monthlymaintenance

FROM Facilities

WHERE membercost <= ( .2 \* monthlymaintenance )

AND membercost !=0

LIMIT 0 , 30

**Result**:

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|  | [Edit Edit](https://sql.springboard.com/phpmyadmin/tbl_change.php?db=country_club&table=Facilities&where_clause=%60Facilities%60.%60facid%60+%3D+4&clause_is_unique=1&sql_query=SELECT+facid%2C+name%2C+membercost%2C+monthlymaintenance%0D%0AFROM+Facilities%0D%0AWHERE+membercost+%3C%3D+%28+.2+%2A+monthlymaintenance+%29+%0D%0AAND+membercost+%21%3D0%0D%0ALIMIT+0+%2C+30%0D%0A&goto=sql.php&default_action=update&token=707d1587f722631ce341ad5c46e419c9) | [Copy Copy](https://sql.springboard.com/phpmyadmin/tbl_change.php?db=country_club&table=Facilities&where_clause=%60Facilities%60.%60facid%60+%3D+4&clause_is_unique=1&sql_query=SELECT+facid%2C+name%2C+membercost%2C+monthlymaintenance%0D%0AFROM+Facilities%0D%0AWHERE+membercost+%3C%3D+%28+.2+%2A+monthlymaintenance+%29+%0D%0AAND+membercost+%21%3D0%0D%0ALIMIT+0+%2C+30%0D%0A&goto=sql.php&default_action=insert&token=707d1587f722631ce341ad5c46e419c9) | [Delete Delete](https://sql.springboard.com/phpmyadmin/sql.php?db=country_club&table=Facilities&sql_query=DELETE+FROM+%60country_club%60.%60Facilities%60+WHERE+%60Facilities%60.%60facid%60+%3D+4&message_to_show=The+row+has+been+deleted&goto=sql.php%3Fdb%3Dcountry_club%26table%3DFacilities%26sql_query%3DSELECT%2Bfacid%252C%2Bname%252C%2Bmembercost%252C%2Bmonthlymaintenance%250D%250AFROM%2BFacilities%250D%250AWHERE%2Bmembercost%2B%253C%253D%2B%2528%2B.2%2B%252A%2Bmonthlymaintenance%2B%2529%2B%250D%250AAND%2Bmembercost%2B%2521%253D0%250D%250ALIMIT%2B0%2B%252C%2B30%250D%250A%26message_to_show%3DThe%2Brow%2Bhas%2Bbeen%2Bdeleted%26goto%3Dtbl_sql.php%26token%3D707d1587f722631ce341ad5c46e419c9&token=707d1587f722631ce341ad5c46e419c9) | 4 | Massage Room 1 | 9.9 | 3000 |
|  | [Edit Edit](https://sql.springboard.com/phpmyadmin/tbl_change.php?db=country_club&table=Facilities&where_clause=%60Facilities%60.%60facid%60+%3D+5&clause_is_unique=1&sql_query=SELECT+facid%2C+name%2C+membercost%2C+monthlymaintenance%0D%0AFROM+Facilities%0D%0AWHERE+membercost+%3C%3D+%28+.2+%2A+monthlymaintenance+%29+%0D%0AAND+membercost+%21%3D0%0D%0ALIMIT+0+%2C+30%0D%0A&goto=sql.php&default_action=update&token=707d1587f722631ce341ad5c46e419c9) | [Copy Copy](https://sql.springboard.com/phpmyadmin/tbl_change.php?db=country_club&table=Facilities&where_clause=%60Facilities%60.%60facid%60+%3D+5&clause_is_unique=1&sql_query=SELECT+facid%2C+name%2C+membercost%2C+monthlymaintenance%0D%0AFROM+Facilities%0D%0AWHERE+membercost+%3C%3D+%28+.2+%2A+monthlymaintenance+%29+%0D%0AAND+membercost+%21%3D0%0D%0ALIMIT+0+%2C+30%0D%0A&goto=sql.php&default_action=insert&token=707d1587f722631ce341ad5c46e419c9) | [Delete Delete](https://sql.springboard.com/phpmyadmin/sql.php?db=country_club&table=Facilities&sql_query=DELETE+FROM+%60country_club%60.%60Facilities%60+WHERE+%60Facilities%60.%60facid%60+%3D+5&message_to_show=The+row+has+been+deleted&goto=sql.php%3Fdb%3Dcountry_club%26table%3DFacilities%26sql_query%3DSELECT%2Bfacid%252C%2Bname%252C%2Bmembercost%252C%2Bmonthlymaintenance%250D%250AFROM%2BFacilities%250D%250AWHERE%2Bmembercost%2B%253C%253D%2B%2528%2B.2%2B%252A%2Bmonthlymaintenance%2B%2529%2B%250D%250AAND%2Bmembercost%2B%2521%253D0%250D%250ALIMIT%2B0%2B%252C%2B30%250D%250A%26message_to_show%3DThe%2Brow%2Bhas%2Bbeen%2Bdeleted%26goto%3Dtbl_sql.php%26token%3D707d1587f722631ce341ad5c46e419c9&token=707d1587f722631ce341ad5c46e419c9) | 5 | Massage Room 2 | 9.9 | 3000 |
|  | [Edit Edit](https://sql.springboard.com/phpmyadmin/tbl_change.php?db=country_club&table=Facilities&where_clause=%60Facilities%60.%60facid%60+%3D+6&clause_is_unique=1&sql_query=SELECT+facid%2C+name%2C+membercost%2C+monthlymaintenance%0D%0AFROM+Facilities%0D%0AWHERE+membercost+%3C%3D+%28+.2+%2A+monthlymaintenance+%29+%0D%0AAND+membercost+%21%3D0%0D%0ALIMIT+0+%2C+30%0D%0A&goto=sql.php&default_action=update&token=707d1587f722631ce341ad5c46e419c9) | [Copy Copy](https://sql.springboard.com/phpmyadmin/tbl_change.php?db=country_club&table=Facilities&where_clause=%60Facilities%60.%60facid%60+%3D+6&clause_is_unique=1&sql_query=SELECT+facid%2C+name%2C+membercost%2C+monthlymaintenance%0D%0AFROM+Facilities%0D%0AWHERE+membercost+%3C%3D+%28+.2+%2A+monthlymaintenance+%29+%0D%0AAND+membercost+%21%3D0%0D%0ALIMIT+0+%2C+30%0D%0A&goto=sql.php&default_action=insert&token=707d1587f722631ce341ad5c46e419c9) | [Delete Delete](https://sql.springboard.com/phpmyadmin/sql.php?db=country_club&table=Facilities&sql_query=DELETE+FROM+%60country_club%60.%60Facilities%60+WHERE+%60Facilities%60.%60facid%60+%3D+6&message_to_show=The+row+has+been+deleted&goto=sql.php%3Fdb%3Dcountry_club%26table%3DFacilities%26sql_query%3DSELECT%2Bfacid%252C%2Bname%252C%2Bmembercost%252C%2Bmonthlymaintenance%250D%250AFROM%2BFacilities%250D%250AWHERE%2Bmembercost%2B%253C%253D%2B%2528%2B.2%2B%252A%2Bmonthlymaintenance%2B%2529%2B%250D%250AAND%2Bmembercost%2B%2521%253D0%250D%250ALIMIT%2B0%2B%252C%2B30%250D%250A%26message_to_show%3DThe%2Brow%2Bhas%2Bbeen%2Bdeleted%26goto%3Dtbl_sql.php%26token%3D707d1587f722631ce341ad5c46e419c9&token=707d1587f722631ce341ad5c46e419c9) | 6 | Squash Court | 3.5 | 80 |

With selected: Check All *With selected:* Change Change Delete Delete Export Export

Bottom of Form

/\* Q4: How can you retrieve the details of facilities with ID 1 and 5?

Write the query without using the OR operator. \*/

**Answer :**

SELECT \*

FROM Facilities

WHERE facid

IN ( 1, 5 )

LIMIT 0 , 30

**Result**:

| **[Full texts](https://sql.springboard.com/phpmyadmin/sql.php?db=country_club&table=Facilities&sql_query=SELECT+%2A+%0D%0AFROM+Facilities%0D%0AWHERE+facid%0D%0AIN+%28+1%2C+5+%29+%0D%0ALIMIT+0+%2C+30%0D%0A&goto=tbl_sql.php&full_text_button=1&display_text=F&token=707d1587f722631ce341ad5c46e419c9)** | | | | [**name**](https://sql.springboard.com/phpmyadmin/sql.php?db=country_club&table=Facilities&sql_query=SELECT+%2A+%0AFROM+Facilities%0AWHERE+facid%0AIN+%28+1%2C+5+%29+%0AORDER+BY+%60Facilities%60.%60name%60+ASC%0ALIMIT+0+%2C+30&session_max_rows=30&token=707d1587f722631ce341ad5c46e419c9) | [**membercost**](https://sql.springboard.com/phpmyadmin/sql.php?db=country_club&table=Facilities&sql_query=SELECT+%2A+%0AFROM+Facilities%0AWHERE+facid%0AIN+%28+1%2C+5+%29+%0AORDER+BY+%60Facilities%60.%60membercost%60+ASC%0ALIMIT+0+%2C+30&session_max_rows=30&token=707d1587f722631ce341ad5c46e419c9) | [**guestcost**](https://sql.springboard.com/phpmyadmin/sql.php?db=country_club&table=Facilities&sql_query=SELECT+%2A+%0AFROM+Facilities%0AWHERE+facid%0AIN+%28+1%2C+5+%29+%0AORDER+BY+%60Facilities%60.%60guestcost%60+ASC%0ALIMIT+0+%2C+30&session_max_rows=30&token=707d1587f722631ce341ad5c46e419c9) | [**facid**](https://sql.springboard.com/phpmyadmin/sql.php?db=country_club&table=Facilities&sql_query=SELECT+%2A+%0AFROM+Facilities%0AWHERE+facid%0AIN+%28+1%2C+5+%29+%0AORDER+BY+%60Facilities%60.%60facid%60+ASC%0ALIMIT+0+%2C+30&session_max_rows=30&token=707d1587f722631ce341ad5c46e419c9) | [**initialoutlay**](https://sql.springboard.com/phpmyadmin/sql.php?db=country_club&table=Facilities&sql_query=SELECT+%2A+%0AFROM+Facilities%0AWHERE+facid%0AIN+%28+1%2C+5+%29+%0AORDER+BY+%60Facilities%60.%60initialoutlay%60+ASC%0ALIMIT+0+%2C+30&session_max_rows=30&token=707d1587f722631ce341ad5c46e419c9) | [**monthlymaintenance**](https://sql.springboard.com/phpmyadmin/sql.php?db=country_club&table=Facilities&sql_query=SELECT+%2A+%0AFROM+Facilities%0AWHERE+facid%0AIN+%28+1%2C+5+%29+%0AORDER+BY+%60Facilities%60.%60monthlymaintenance%60+ASC%0ALIMIT+0+%2C+30&session_max_rows=30&token=707d1587f722631ce341ad5c46e419c9) |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | [Edit Edit](https://sql.springboard.com/phpmyadmin/tbl_change.php?db=country_club&table=Facilities&where_clause=%60Facilities%60.%60facid%60+%3D+1&clause_is_unique=1&sql_query=SELECT+%2A+%0D%0AFROM+Facilities%0D%0AWHERE+facid%0D%0AIN+%28+1%2C+5+%29+%0D%0ALIMIT+0+%2C+30%0D%0A&goto=sql.php&default_action=update&token=707d1587f722631ce341ad5c46e419c9) | [Copy Copy](https://sql.springboard.com/phpmyadmin/tbl_change.php?db=country_club&table=Facilities&where_clause=%60Facilities%60.%60facid%60+%3D+1&clause_is_unique=1&sql_query=SELECT+%2A+%0D%0AFROM+Facilities%0D%0AWHERE+facid%0D%0AIN+%28+1%2C+5+%29+%0D%0ALIMIT+0+%2C+30%0D%0A&goto=sql.php&default_action=insert&token=707d1587f722631ce341ad5c46e419c9) | [Delete Delete](https://sql.springboard.com/phpmyadmin/sql.php?db=country_club&table=Facilities&sql_query=DELETE+FROM+%60country_club%60.%60Facilities%60+WHERE+%60Facilities%60.%60facid%60+%3D+1&message_to_show=The+row+has+been+deleted&goto=sql.php%3Fdb%3Dcountry_club%26table%3DFacilities%26sql_query%3DSELECT%2B%252A%2B%250D%250AFROM%2BFacilities%250D%250AWHERE%2Bfacid%250D%250AIN%2B%2528%2B1%252C%2B5%2B%2529%2B%250D%250ALIMIT%2B0%2B%252C%2B30%250D%250A%26message_to_show%3DThe%2Brow%2Bhas%2Bbeen%2Bdeleted%26goto%3Dtbl_sql.php%26token%3D707d1587f722631ce341ad5c46e419c9&token=707d1587f722631ce341ad5c46e419c9) | Tennis Court 2 | 5.0 | 25.0 | 1 | 8000 | 200 |
|  | [Edit Edit](https://sql.springboard.com/phpmyadmin/tbl_change.php?db=country_club&table=Facilities&where_clause=%60Facilities%60.%60facid%60+%3D+5&clause_is_unique=1&sql_query=SELECT+%2A+%0D%0AFROM+Facilities%0D%0AWHERE+facid%0D%0AIN+%28+1%2C+5+%29+%0D%0ALIMIT+0+%2C+30%0D%0A&goto=sql.php&default_action=update&token=707d1587f722631ce341ad5c46e419c9) | [Copy Copy](https://sql.springboard.com/phpmyadmin/tbl_change.php?db=country_club&table=Facilities&where_clause=%60Facilities%60.%60facid%60+%3D+5&clause_is_unique=1&sql_query=SELECT+%2A+%0D%0AFROM+Facilities%0D%0AWHERE+facid%0D%0AIN+%28+1%2C+5+%29+%0D%0ALIMIT+0+%2C+30%0D%0A&goto=sql.php&default_action=insert&token=707d1587f722631ce341ad5c46e419c9) | [Delete Delete](https://sql.springboard.com/phpmyadmin/sql.php?db=country_club&table=Facilities&sql_query=DELETE+FROM+%60country_club%60.%60Facilities%60+WHERE+%60Facilities%60.%60facid%60+%3D+5&message_to_show=The+row+has+been+deleted&goto=sql.php%3Fdb%3Dcountry_club%26table%3DFacilities%26sql_query%3DSELECT%2B%252A%2B%250D%250AFROM%2BFacilities%250D%250AWHERE%2Bfacid%250D%250AIN%2B%2528%2B1%252C%2B5%2B%2529%2B%250D%250ALIMIT%2B0%2B%252C%2B30%250D%250A%26message_to_show%3DThe%2Brow%2Bhas%2Bbeen%2Bdeleted%26goto%3Dtbl_sql.php%26token%3D707d1587f722631ce341ad5c46e419c9&token=707d1587f722631ce341ad5c46e419c9) | Massage Room 2 | 9.9 | 80.0 | 5 | 4000 | 3000 |

With selected: Check All *With selected:* Change Change Delete Delete Export Export

/\* Q5: How can you produce a list of facilities, with each labelled as

'cheap' or 'expensive', depending on if their monthly maintenance cost is

more than $100? Return the name and monthly maintenance of the facilities

in question. \*/

**Answer :**

SELECT name, monthlymaintenance,

CASE WHEN monthlymaintenance >100

THEN 'EXPENSIVE'

ELSE 'CHEAP'

END AS category

FROM Facilities

**Result**:

|  | | |
| --- | --- | --- |
| [**name**](https://sql.springboard.com/phpmyadmin/sql.php?db=country_club&table=Facilities&sql_query=SELECT+name%2C+monthlymaintenance%2C+%0ACASE+WHEN+monthlymaintenance+%3E100%0ATHEN++%27EXPENSIVE%27%0AELSE++%27CHEAP%27%0AEND+AS+category%0AFROM+Facilities%0AORDER+BY+%60Facilities%60.%60name%60+ASC&session_max_rows=30&token=707d1587f722631ce341ad5c46e419c9) | [**monthlymaintenance**](https://sql.springboard.com/phpmyadmin/sql.php?db=country_club&table=Facilities&sql_query=SELECT+name%2C+monthlymaintenance%2C+%0ACASE+WHEN+monthlymaintenance+%3E100%0ATHEN++%27EXPENSIVE%27%0AELSE++%27CHEAP%27%0AEND+AS+category%0AFROM+Facilities%0AORDER+BY+%60Facilities%60.%60monthlymaintenance%60+ASC&session_max_rows=30&token=707d1587f722631ce341ad5c46e419c9) | [**category**](https://sql.springboard.com/phpmyadmin/sql.php?db=country_club&table=Facilities&sql_query=SELECT+name%2C+monthlymaintenance%2C+%0ACASE+WHEN+monthlymaintenance+%3E100%0ATHEN++%27EXPENSIVE%27%0AELSE++%27CHEAP%27%0AEND+AS+category%0AFROM+Facilities%0AORDER+BY+%60category%60+ASC&session_max_rows=30&token=707d1587f722631ce341ad5c46e419c9) |  |
| Tennis Court 1 | 200 | EXPENSIVE |  |
| Tennis Court 2 | 200 | EXPENSIVE |  |
| Badminton Court | 50 | CHEAP |  |
| Table Tennis | 10 | CHEAP |  |
| Massage Room 1 | 3000 | EXPENSIVE |  |
| Massage Room 2 | 3000 | EXPENSIVE |  |
| Squash Court | 80 | CHEAP |  |
| Snooker Table | 15 | CHEAP |  |
| Pool Table | 15 | CHEAP |  |

/\* Q6: You'd like to get the first and last name of the last member(s)

who signed up. Do not use the LIMIT clause for your solution. \*/

**Answer :**

[**SELECT**](https://sql.springboard.com/phpmyadmin/url.php?url=http%3A%2F%2Fdev.mysql.com%2Fdoc%2Frefman%2F5.5%2Fen%2Fselect.html&token=dcdca92e7100eb2707633a2cd9df5ff3) firstname, surname, joindate  
**FROM** Members  
**WHERE** joindate  
[**IN**](https://sql.springboard.com/phpmyadmin/url.php?url=http%3A%2F%2Fdev.mysql.com%2Fdoc%2Frefman%2F5.5%2Fen%2Fcomparison-operators.html%23function_in&token=dcdca92e7100eb2707633a2cd9df5ff3) (

[**SELECT**](https://sql.springboard.com/phpmyadmin/url.php?url=http%3A%2F%2Fdev.mysql.com%2Fdoc%2Frefman%2F5.5%2Fen%2Fselect.html&token=dcdca92e7100eb2707633a2cd9df5ff3) [MAX](https://sql.springboard.com/phpmyadmin/url.php?url=http%3A%2F%2Fdev.mysql.com%2Fdoc%2Frefman%2F5.5%2Fen%2Fgroup-by-functions.html%23function_max&token=dcdca92e7100eb2707633a2cd9df5ff3)( joindate )   
**FROM** Members

)

**Result**:

|  | | |
| --- | --- | --- |
| **firstname** | **surname** | **joindate** |  |
| Darren | Smith | 2012-09-26 18:08:45 |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  |  |  |  |

/\* Q7: How can you produce a list of all members who have used a tennis court?Include in your output the name of the court, and the name of the member formatted as a single column. Ensure no duplicate data, and order by the member name. \*/

**Answer :**

[**SELECT**](https://sql.springboard.com/phpmyadmin/url.php?url=http%3A%2F%2Fdev.mysql.com%2Fdoc%2Frefman%2F5.5%2Fen%2Fselect.html&token=67b1b2b691f948b08cb3c4868842432c) Members.firstname, Members.surname, Facilities.name  
**FROM** Bookings  
**INNER** **JOIN** Facilities **ON** Bookings.facid [=](https://sql.springboard.com/phpmyadmin/url.php?url=http%3A%2F%2Fdev.mysql.com%2Fdoc%2Frefman%2F5.5%2Fen%2Fcomparison-operators.html%23operator_equal&token=67b1b2b691f948b08cb3c4868842432c) Facilities.facid  
**INNER** **JOIN** Members **ON** Members.memid [=](https://sql.springboard.com/phpmyadmin/url.php?url=http%3A%2F%2Fdev.mysql.com%2Fdoc%2Frefman%2F5.5%2Fen%2Fcomparison-operators.html%23operator_equal&token=67b1b2b691f948b08cb3c4868842432c) Bookings.memid  
**WHERE** Facilities.name [**LIKE**](https://sql.springboard.com/phpmyadmin/url.php?url=http%3A%2F%2Fdev.mysql.com%2Fdoc%2Frefman%2F5.5%2Fen%2Fstring-comparison-functions.html%23operator_like&token=67b1b2b691f948b08cb3c4868842432c) '%Tennis%COURT%'

**Result**:

|  | | |
| --- | --- | --- |
| [**firstname**](https://sql.springboard.com/phpmyadmin/sql.php?db=country_club&table=Bookings&sql_query=SELECT+Members.firstname%2C+Members.surname%2C+Facilities.name%0AFROM+Bookings%0AINNER+JOIN+Facilities+ON+Bookings.facid+%3D+Facilities.facid%0AINNER+JOIN+Members+ON+Members.memid+%3D+Bookings.memid%0AWHERE+Facilities.name+LIKE+%27%25Tennis%25COURT%25%27%0AORDER+BY+%60Members%60.%60firstname%60+ASC&session_max_rows=30&token=707d1587f722631ce341ad5c46e419c9) | [**surname**](https://sql.springboard.com/phpmyadmin/sql.php?db=country_club&table=Bookings&sql_query=SELECT+Members.firstname%2C+Members.surname%2C+Facilities.name%0AFROM+Bookings%0AINNER+JOIN+Facilities+ON+Bookings.facid+%3D+Facilities.facid%0AINNER+JOIN+Members+ON+Members.memid+%3D+Bookings.memid%0AWHERE+Facilities.name+LIKE+%27%25Tennis%25COURT%25%27%0AORDER+BY+%60Members%60.%60surname%60+ASC&session_max_rows=30&token=707d1587f722631ce341ad5c46e419c9) | [**name**](https://sql.springboard.com/phpmyadmin/sql.php?db=country_club&table=Bookings&sql_query=SELECT+Members.firstname%2C+Members.surname%2C+Facilities.name%0AFROM+Bookings%0AINNER+JOIN+Facilities+ON+Bookings.facid+%3D+Facilities.facid%0AINNER+JOIN+Members+ON+Members.memid+%3D+Bookings.memid%0AWHERE+Facilities.name+LIKE+%27%25Tennis%25COURT%25%27%0AORDER+BY+%60Facilities%60.%60name%60+ASC&session_max_rows=30&token=707d1587f722631ce341ad5c46e419c9) |  |
| Tracy | Smith | Tennis Court 1 |  |
| Tracy | Smith | Tennis Court 1 |  |
| GUEST | GUEST | Tennis Court 2 |  |
| GUEST | GUEST | Tennis Court 1 |  |
| GUEST | GUEST | Tennis Court 1 |  |
| Tracy | Smith | Tennis Court 1 |  |
| Tracy | Smith | Tennis Court 1 |  |
| GUEST | GUEST | Tennis Court 1 |  |
| Tracy | Smith | Tennis Court 1 |  |
| Tim | Rownam | Tennis Court 2 |  |
| Tim | Rownam | Tennis Court 1 |  |
| Tracy | Smith | Tennis Court 1 |  |
| Darren | Smith | Tennis Court 2 |  |
| Darren | Smith | Tennis Court 2 |  |
| Tracy | Smith | Tennis Court 1 |  |
| Tracy | Smith | Tennis Court 1 |  |
| Tracy | Smith | Tennis Court 1 |  |
| GUEST | GUEST | Tennis Court 2 |  |
| Darren | Smith | Tennis Court 2 |  |
| GUEST | GUEST | Tennis Court 1 |  |
| GUEST | GUEST | Tennis Court 1 |  |
| Janice | Joplette | Tennis Court 1 |  |
| Tracy | Smith | Tennis Court 1 |  |
| GUEST | GUEST | Tennis Court 1 |  |
| GUEST | GUEST | Tennis Court 1 |  |
| Tracy | Smith | Tennis Court 1 |  |
| Tracy | Smith | Tennis Court 1 |  |
| GUEST | GUEST | Tennis Court 2 |  |
| GUEST | GUEST | Tennis Court 2 |  |
| GUEST | GUEST | Tennis Court 1 |  |

/\* Q8: How can you produce a list of bookings on the day of 2012-09-14 which

will cost the member (or guest) more than $30? Remember that guests have

different costs to members (the listed costs are per half-hour 'slot'), and

the guest user's ID is always 0. Include in your output the name of the

facility, the name of the member formatted as a single column, and the cost.

Order by descending cost, and do not use any subqueries. \*/

**Answer :**

[**SELECT**](https://sql.springboard.com/phpmyadmin/url.php?url=http%3A%2F%2Fdev.mysql.com%2Fdoc%2Frefman%2F5.5%2Fen%2Fselect.html&token=b978475b514b1bd0c1130427c8233022) fac.name, mem.surname, fac.guestcost \* book.slots **AS** cost  
**FROM** country\_club.Bookings book  
**JOIN** country\_club.Facilities fac **ON** book.facid [=](https://sql.springboard.com/phpmyadmin/url.php?url=http%3A%2F%2Fdev.mysql.com%2Fdoc%2Frefman%2F5.5%2Fen%2Fcomparison-operators.html%23operator_equal&token=b978475b514b1bd0c1130427c8233022) fac.facid  
**JOIN** country\_club.Members mem **ON** mem.memid [=](https://sql.springboard.com/phpmyadmin/url.php?url=http%3A%2F%2Fdev.mysql.com%2Fdoc%2Frefman%2F5.5%2Fen%2Fcomparison-operators.html%23operator_equal&token=b978475b514b1bd0c1130427c8233022) book.memid  
**WHERE** [SUBSTR](https://sql.springboard.com/phpmyadmin/url.php?url=http%3A%2F%2Fdev.mysql.com%2Fdoc%2Frefman%2F5.5%2Fen%2Fstring-functions.html%23function_substr&token=b978475b514b1bd0c1130427c8233022)( starttime, 1, 10 ) [=](https://sql.springboard.com/phpmyadmin/url.php?url=http%3A%2F%2Fdev.mysql.com%2Fdoc%2Frefman%2F5.5%2Fen%2Fcomparison-operators.html%23operator_equal&token=b978475b514b1bd0c1130427c8233022) '2012-09-14'  
[**AND**](https://sql.springboard.com/phpmyadmin/url.php?url=http%3A%2F%2Fdev.mysql.com%2Fdoc%2Frefman%2F5.5%2Fen%2Flogical-operators.html%23operator_and&token=b978475b514b1bd0c1130427c8233022) mem.memid [=](https://sql.springboard.com/phpmyadmin/url.php?url=http%3A%2F%2Fdev.mysql.com%2Fdoc%2Frefman%2F5.5%2Fen%2Fcomparison-operators.html%23operator_equal&token=b978475b514b1bd0c1130427c8233022)0  
**UNION**   
[**SELECT**](https://sql.springboard.com/phpmyadmin/url.php?url=http%3A%2F%2Fdev.mysql.com%2Fdoc%2Frefman%2F5.5%2Fen%2Fselect.html&token=b978475b514b1bd0c1130427c8233022) fac.name, mem.surname, [SUM](https://sql.springboard.com/phpmyadmin/url.php?url=http%3A%2F%2Fdev.mysql.com%2Fdoc%2Frefman%2F5.5%2Fen%2Fgroup-by-functions.html%23function_sum&token=b978475b514b1bd0c1130427c8233022)( fac.membercost \* book.slots ) **AS** cost  
**FROM** country\_club.Bookings book  
**JOIN** country\_club.Facilities fac **ON** book.facid [=](https://sql.springboard.com/phpmyadmin/url.php?url=http%3A%2F%2Fdev.mysql.com%2Fdoc%2Frefman%2F5.5%2Fen%2Fcomparison-operators.html%23operator_equal&token=b978475b514b1bd0c1130427c8233022) fac.facid  
**JOIN** country\_club.Members mem **ON** mem.memid [=](https://sql.springboard.com/phpmyadmin/url.php?url=http%3A%2F%2Fdev.mysql.com%2Fdoc%2Frefman%2F5.5%2Fen%2Fcomparison-operators.html%23operator_equal&token=b978475b514b1bd0c1130427c8233022) book.memid  
**WHERE** [SUBSTR](https://sql.springboard.com/phpmyadmin/url.php?url=http%3A%2F%2Fdev.mysql.com%2Fdoc%2Frefman%2F5.5%2Fen%2Fstring-functions.html%23function_substr&token=b978475b514b1bd0c1130427c8233022)( starttime, 1, 10 ) [=](https://sql.springboard.com/phpmyadmin/url.php?url=http%3A%2F%2Fdev.mysql.com%2Fdoc%2Frefman%2F5.5%2Fen%2Fcomparison-operators.html%23operator_equal&token=b978475b514b1bd0c1130427c8233022) '2012-09-14'  
[**AND**](https://sql.springboard.com/phpmyadmin/url.php?url=http%3A%2F%2Fdev.mysql.com%2Fdoc%2Frefman%2F5.5%2Fen%2Flogical-operators.html%23operator_and&token=b978475b514b1bd0c1130427c8233022) mem.memid [!=](https://sql.springboard.com/phpmyadmin/url.php?url=http%3A%2F%2Fdev.mysql.com%2Fdoc%2Frefman%2F5.5%2Fen%2Fcomparison-operators.html%23operator_not-equal&token=b978475b514b1bd0c1130427c8233022)0  
**GROUP** **BY** mem.memid  
**HAVING** cost [>](https://sql.springboard.com/phpmyadmin/url.php?url=http%3A%2F%2Fdev.mysql.com%2Fdoc%2Frefman%2F5.5%2Fen%2Fcomparison-operators.html%23operator_greater-than&token=b978475b514b1bd0c1130427c8233022)30  
**ORDER** **BY** cost **DESC**   
**LIMIT** 0 , 30

**Result**:

| [**name**](https://sql.springboard.com/phpmyadmin/sql.php?db=country_club&table=Bookings&sql_query=SELECT+fac.name%2C+mem.surname%2C+fac.guestcost+%2A+book.slots+AS+cost%0AFROM+country_club.Bookings+book%0AJOIN+country_club.Facilities+fac+ON+book.facid+%3D+fac.facid%0AJOIN+country_club.Members+mem+ON+mem.memid+%3D+book.memid%0AWHERE+SUBSTR%28+starttime%2C+1%2C+10+%29+%3D+%272012-09-14%27%0AAND+mem.memid+%3D0%0AUNION+%0ASELECT+fac.name%2C+mem.surname%2C+SUM%28+fac.membercost+%2A+book.slots+%29+AS+cost%0AFROM+country_club.Bookings+book%0AJOIN+country_club.Facilities+fac+ON+book.facid+%3D+fac.facid%0AJOIN+country_club.Members+mem+ON+mem.memid+%3D+book.memid%0AWHERE+SUBSTR%28+starttime%2C+1%2C+10+%29+%3D+%272012-09-14%27%0AAND+mem.memid+%21%3D0%0AGROUP+BY+mem.memid%0AHAVING+cost+%3E30%0AORDER+BY+%60name%60+ASC%0ALIMIT+0+%2C+30&session_max_rows=30&token=707d1587f722631ce341ad5c46e419c9) | [**surname**](https://sql.springboard.com/phpmyadmin/sql.php?db=country_club&table=Bookings&sql_query=SELECT+fac.name%2C+mem.surname%2C+fac.guestcost+%2A+book.slots+AS+cost%0AFROM+country_club.Bookings+book%0AJOIN+country_club.Facilities+fac+ON+book.facid+%3D+fac.facid%0AJOIN+country_club.Members+mem+ON+mem.memid+%3D+book.memid%0AWHERE+SUBSTR%28+starttime%2C+1%2C+10+%29+%3D+%272012-09-14%27%0AAND+mem.memid+%3D0%0AUNION+%0ASELECT+fac.name%2C+mem.surname%2C+SUM%28+fac.membercost+%2A+book.slots+%29+AS+cost%0AFROM+country_club.Bookings+book%0AJOIN+country_club.Facilities+fac+ON+book.facid+%3D+fac.facid%0AJOIN+country_club.Members+mem+ON+mem.memid+%3D+book.memid%0AWHERE+SUBSTR%28+starttime%2C+1%2C+10+%29+%3D+%272012-09-14%27%0AAND+mem.memid+%21%3D0%0AGROUP+BY+mem.memid%0AHAVING+cost+%3E30%0AORDER+BY+%60surname%60+ASC%0ALIMIT+0+%2C+30&session_max_rows=30&token=707d1587f722631ce341ad5c46e419c9) | [**cost [Descending](https://sql.springboard.com/phpmyadmin/sql.php?db=country_club&table=Bookings&sql_query=SELECT+fac.name%2C+mem.surname%2C+fac.guestcost+%2A+book.slots+AS+cost%0AFROM+country_club.Bookings+book%0AJOIN+country_club.Facilities+fac+ON+book.facid+%3D+fac.facid%0AJOIN+country_club.Members+mem+ON+mem.memid+%3D+book.memid%0AWHERE+SUBSTR%28+starttime%2C+1%2C+10+%29+%3D+%272012-09-14%27%0AAND+mem.memid+%3D0%0AUNION+%0ASELECT+fac.name%2C+mem.surname%2C+SUM%28+fac.membercost+%2A+book.slots+%29+AS+cost%0AFROM+country_club.Bookings+book%0AJOIN+country_club.Facilities+fac+ON+book.facid+%3D+fac.facid%0AJOIN+country_club.Members+mem+ON+mem.memid+%3D+book.memid%0AWHERE+SUBSTR%28+starttime%2C+1%2C+10+%29+%3D+%272012-09-14%27%0AAND+mem.memid+%21%3D0%0AGROUP+BY+mem.memid%0AHAVING+cost+%3E30%0AORDER+BY+%60cost%60++ASC%0ALIMIT+0+%2C+30&session_max_rows=30&token=707d1587f722631ce341ad5c46e419c9)**](https://sql.springboard.com/phpmyadmin/sql.php?db=country_club&table=Bookings&sql_query=SELECT+fac.name%2C+mem.surname%2C+fac.guestcost+%2A+book.slots+AS+cost%0AFROM+country_club.Bookings+book%0AJOIN+country_club.Facilities+fac+ON+book.facid+%3D+fac.facid%0AJOIN+country_club.Members+mem+ON+mem.memid+%3D+book.memid%0AWHERE+SUBSTR%28+starttime%2C+1%2C+10+%29+%3D+%272012-09-14%27%0AAND+mem.memid+%3D0%0AUNION+%0ASELECT+fac.name%2C+mem.surname%2C+SUM%28+fac.membercost+%2A+book.slots+%29+AS+cost%0AFROM+country_club.Bookings+book%0AJOIN+country_club.Facilities+fac+ON+book.facid+%3D+fac.facid%0AJOIN+country_club.Members+mem+ON+mem.memid+%3D+book.memid%0AWHERE+SUBSTR%28+starttime%2C+1%2C+10+%29+%3D+%272012-09-14%27%0AAND+mem.memid+%21%3D0%0AGROUP+BY+mem.memid%0AHAVING+cost+%3E30%0AORDER+BY+%60cost%60++ASC%0ALIMIT+0+%2C+30&session_max_rows=30&token=707d1587f722631ce341ad5c46e419c9) |  |
| --- | --- | --- | --- |
| Massage Room 2 | GUEST | 320.0 |  |
| Massage Room 1 | GUEST | 160.0 |  |
| Tennis Court 2 | GUEST | 150.0 |  |
| Tennis Court 1 | GUEST | 75.0 |  |
| Tennis Court 2 | GUEST | 75.0 |  |
| Squash Court | GUEST | 70.0 |  |
| Massage Room 1 | Farrell | 59.4 |  |
| Squash Court | GUEST | 35.0 |  |
| Tennis Court 1 | Tracy | 34.8 |  |

/\* Q9: This time, produce the same result as in Q8, but using a subquery. \*/

**Answer :**

[**SELECT**](https://sql.springboard.com/phpmyadmin/url.php?url=http%3A%2F%2Fdev.mysql.com%2Fdoc%2Frefman%2F5.5%2Fen%2Fselect.html&token=b978475b514b1bd0c1130427c8233022) guest.name, surname **AS** member, guest.cost  
**FROM** country\_club.Members mem  
**JOIN** (

[**SELECT**](https://sql.springboard.com/phpmyadmin/url.php?url=http%3A%2F%2Fdev.mysql.com%2Fdoc%2Frefman%2F5.5%2Fen%2Fselect.html&token=b978475b514b1bd0c1130427c8233022) book.memid, fac.name, book.slots \* fac.guestcost **AS** cost  
**FROM** country\_club.Bookings book  
**JOIN** country\_club.Facilities fac **ON** book.facid [=](https://sql.springboard.com/phpmyadmin/url.php?url=http%3A%2F%2Fdev.mysql.com%2Fdoc%2Frefman%2F5.5%2Fen%2Fcomparison-operators.html%23operator_equal&token=b978475b514b1bd0c1130427c8233022) fac.facid  
**WHERE** [SUBSTR](https://sql.springboard.com/phpmyadmin/url.php?url=http%3A%2F%2Fdev.mysql.com%2Fdoc%2Frefman%2F5.5%2Fen%2Fstring-functions.html%23function_substr&token=b978475b514b1bd0c1130427c8233022)( starttime, 1, 10 ) [=](https://sql.springboard.com/phpmyadmin/url.php?url=http%3A%2F%2Fdev.mysql.com%2Fdoc%2Frefman%2F5.5%2Fen%2Fcomparison-operators.html%23operator_equal&token=b978475b514b1bd0c1130427c8233022) '2012-09-14'  
[**AND**](https://sql.springboard.com/phpmyadmin/url.php?url=http%3A%2F%2Fdev.mysql.com%2Fdoc%2Frefman%2F5.5%2Fen%2Flogical-operators.html%23operator_and&token=b978475b514b1bd0c1130427c8233022) memid [=](https://sql.springboard.com/phpmyadmin/url.php?url=http%3A%2F%2Fdev.mysql.com%2Fdoc%2Frefman%2F5.5%2Fen%2Fcomparison-operators.html%23operator_equal&token=b978475b514b1bd0c1130427c8233022)0

)guest **ON** mem.memid [=](https://sql.springboard.com/phpmyadmin/url.php?url=http%3A%2F%2Fdev.mysql.com%2Fdoc%2Frefman%2F5.5%2Fen%2Fcomparison-operators.html%23operator_equal&token=b978475b514b1bd0c1130427c8233022) guest.memid  
**WHERE** cost [>](https://sql.springboard.com/phpmyadmin/url.php?url=http%3A%2F%2Fdev.mysql.com%2Fdoc%2Frefman%2F5.5%2Fen%2Fcomparison-operators.html%23operator_greater-than&token=b978475b514b1bd0c1130427c8233022)30  
**UNION**   
[**SELECT**](https://sql.springboard.com/phpmyadmin/url.php?url=http%3A%2F%2Fdev.mysql.com%2Fdoc%2Frefman%2F5.5%2Fen%2Fselect.html&token=b978475b514b1bd0c1130427c8233022) memb.name, mem.surname **AS** member, memb.cost  
**FROM** country\_club.Members mem  
**JOIN** (

[**SELECT**](https://sql.springboard.com/phpmyadmin/url.php?url=http%3A%2F%2Fdev.mysql.com%2Fdoc%2Frefman%2F5.5%2Fen%2Fselect.html&token=b978475b514b1bd0c1130427c8233022) book.memid, fac.name, [SUM](https://sql.springboard.com/phpmyadmin/url.php?url=http%3A%2F%2Fdev.mysql.com%2Fdoc%2Frefman%2F5.5%2Fen%2Fgroup-by-functions.html%23function_sum&token=b978475b514b1bd0c1130427c8233022)( fac.membercost \* book.slots ) **AS** cost  
**FROM** country\_club.Bookings book  
**JOIN** country\_club.Facilities fac **ON** book.facid [=](https://sql.springboard.com/phpmyadmin/url.php?url=http%3A%2F%2Fdev.mysql.com%2Fdoc%2Frefman%2F5.5%2Fen%2Fcomparison-operators.html%23operator_equal&token=b978475b514b1bd0c1130427c8233022) fac.facid  
**JOIN** country\_club.Members mem **ON** mem.memid [=](https://sql.springboard.com/phpmyadmin/url.php?url=http%3A%2F%2Fdev.mysql.com%2Fdoc%2Frefman%2F5.5%2Fen%2Fcomparison-operators.html%23operator_equal&token=b978475b514b1bd0c1130427c8233022) book.memid  
**WHERE** [SUBSTR](https://sql.springboard.com/phpmyadmin/url.php?url=http%3A%2F%2Fdev.mysql.com%2Fdoc%2Frefman%2F5.5%2Fen%2Fstring-functions.html%23function_substr&token=b978475b514b1bd0c1130427c8233022)( starttime, 1, 10 ) [=](https://sql.springboard.com/phpmyadmin/url.php?url=http%3A%2F%2Fdev.mysql.com%2Fdoc%2Frefman%2F5.5%2Fen%2Fcomparison-operators.html%23operator_equal&token=b978475b514b1bd0c1130427c8233022) '2012-09-14'  
[**AND**](https://sql.springboard.com/phpmyadmin/url.php?url=http%3A%2F%2Fdev.mysql.com%2Fdoc%2Frefman%2F5.5%2Fen%2Flogical-operators.html%23operator_and&token=b978475b514b1bd0c1130427c8233022) mem.memid [!=](https://sql.springboard.com/phpmyadmin/url.php?url=http%3A%2F%2Fdev.mysql.com%2Fdoc%2Frefman%2F5.5%2Fen%2Fcomparison-operators.html%23operator_not-equal&token=b978475b514b1bd0c1130427c8233022)0  
**GROUP** **BY** mem.memid)memb **ON** mem.memid [=](https://sql.springboard.com/phpmyadmin/url.php?url=http%3A%2F%2Fdev.mysql.com%2Fdoc%2Frefman%2F5.5%2Fen%2Fcomparison-operators.html%23operator_equal&token=b978475b514b1bd0c1130427c8233022) memb.memid  
**WHERE** cost [>](https://sql.springboard.com/phpmyadmin/url.php?url=http%3A%2F%2Fdev.mysql.com%2Fdoc%2Frefman%2F5.5%2Fen%2Fcomparison-operators.html%23operator_greater-than&token=b978475b514b1bd0c1130427c8233022)30  
**ORDER** **BY** cost **DESC**

**Result**:

| [**name**](https://sql.springboard.com/phpmyadmin/index.php?db=country_club&table=Q10&target=tbl_sql.php&token=707d1587f722631ce341ad5c46e419c9#usesubform[2]=1) | [**member**](https://sql.springboard.com/phpmyadmin/index.php?db=country_club&table=Q10&target=tbl_sql.php&token=707d1587f722631ce341ad5c46e419c9#usesubform[3]=1) | [**cost [Descending](https://sql.springboard.com/phpmyadmin/index.php?db=country_club&table=Q10&target=tbl_sql.php&token=707d1587f722631ce341ad5c46e419c9#usesubform[4]=1)**](https://sql.springboard.com/phpmyadmin/index.php?db=country_club&table=Q10&target=tbl_sql.php&token=707d1587f722631ce341ad5c46e419c9#usesubform[4]=1) |  |
| --- | --- | --- | --- |
| Massage Room 2 | GUEST | 320.0 |  |
| Massage Room 1 | GUEST | 160.0 |  |
| Tennis Court 2 | GUEST | 150.0 |  |
| Tennis Court 1 | GUEST | 75.0 |  |
| Tennis Court 2 | GUEST | 75.0 |  |
| Squash Court | GUEST | 70.0 |  |
| Massage Room 1 | Farrell | 59.4 |  |
| Squash Court | GUEST | 35.0 |  |
| Tennis Court 1 | Tracy | 34.8 |  |

/\* Q10: Produce a list of facilities with a total revenue less than 1000.

The output of facility name and total revenue, sorted by revenue. Remember

that there's a different cost for guests and members! \*/

**Answer :**

[**SELECT**](https://sql.springboard.com/phpmyadmin/url.php?url=http%3A%2F%2Fdev.mysql.com%2Fdoc%2Frefman%2F5.5%2Fen%2Fselect.html&token=707d1587f722631ce341ad5c46e419c9) fac.name, [SUM](https://sql.springboard.com/phpmyadmin/url.php?url=http%3A%2F%2Fdev.mysql.com%2Fdoc%2Frefman%2F5.5%2Fen%2Fgroup-by-functions.html%23function_sum&token=707d1587f722631ce341ad5c46e419c9)( [IF](https://sql.springboard.com/phpmyadmin/url.php?url=http%3A%2F%2Fdev.mysql.com%2Fdoc%2Frefman%2F5.5%2Fen%2Fcontrol-flow-functions.html%23function_if&token=707d1587f722631ce341ad5c46e419c9)( book.memid [=](https://sql.springboard.com/phpmyadmin/url.php?url=http%3A%2F%2Fdev.mysql.com%2Fdoc%2Frefman%2F5.5%2Fen%2Fcomparison-operators.html%23operator_equal&token=707d1587f722631ce341ad5c46e419c9)0, fac.guestcost \* book.slots, fac.membercost \* book.slots ) ) **AS** revenue  
**FROM** country\_club.Facilities fac  
**JOIN** country\_club.Bookings book **ON** fac.facid [=](https://sql.springboard.com/phpmyadmin/url.php?url=http%3A%2F%2Fdev.mysql.com%2Fdoc%2Frefman%2F5.5%2Fen%2Fcomparison-operators.html%23operator_equal&token=707d1587f722631ce341ad5c46e419c9) book.facid  
**GROUP** **BY** fac.name  
**HAVING** revenue [<](https://sql.springboard.com/phpmyadmin/url.php?url=http%3A%2F%2Fdev.mysql.com%2Fdoc%2Frefman%2F5.5%2Fen%2Fcomparison-operators.html%23operator_less-than&token=707d1587f722631ce341ad5c46e419c9)1000  
**ORDER** **BY** revenue **DESC**

**Result**

| [**name**](https://sql.springboard.com/phpmyadmin/sql.php?db=country_club&table=Facilities&sql_query=SELECT+fac.name%2C+SUM%28+%0A+IF%28book.memid+%3D0%2C+fac.guestcost+%2A+book.slots%2C+fac.membercost+%2A+book.slots%29%29+AS+revenue%0AFROM+country_club.Facilities+fac%0AJOIN+country_club.Bookings+book+ON+fac.facid+%3D+book.facid%0AGROUP+BY+fac.name%0AHAVING+revenue+%3C1000%0AORDER+BY+%60fac%60.%60name%60+ASC%0ALIMIT+0+%2C+30&session_max_rows=30&token=707d1587f722631ce341ad5c46e419c9) | [**revenue [Descending](https://sql.springboard.com/phpmyadmin/sql.php?db=country_club&table=Facilities&sql_query=SELECT+fac.name%2C+SUM%28+%0A+IF%28book.memid+%3D0%2C+fac.guestcost+%2A+book.slots%2C+fac.membercost+%2A+book.slots%29%29+AS+revenue%0AFROM+country_club.Facilities+fac%0AJOIN+country_club.Bookings+book+ON+fac.facid+%3D+book.facid%0AGROUP+BY+fac.name%0AHAVING+revenue+%3C1000%0AORDER+BY+%60revenue%60++ASC%0ALIMIT+0+%2C+30&session_max_rows=30&token=707d1587f722631ce341ad5c46e419c9)**](https://sql.springboard.com/phpmyadmin/sql.php?db=country_club&table=Facilities&sql_query=SELECT+fac.name%2C+SUM%28+%0A+IF%28book.memid+%3D0%2C+fac.guestcost+%2A+book.slots%2C+fac.membercost+%2A+book.slots%29%29+AS+revenue%0AFROM+country_club.Facilities+fac%0AJOIN+country_club.Bookings+book+ON+fac.facid+%3D+book.facid%0AGROUP+BY+fac.name%0AHAVING+revenue+%3C1000%0AORDER+BY+%60revenue%60++ASC%0ALIMIT+0+%2C+30&session_max_rows=30&token=707d1587f722631ce341ad5c46e419c9) |  |
| --- | --- | --- |
| Pool Table | 270.0 |  |
| Snooker Table | 240.0 |  |
| Table Tennis | 180.0 |  |