Date:01-03-23

Lesson: Assessment test 2

Course: Jose Portilla's SQL Zero to Hero

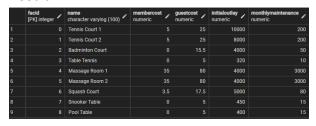
Question:

1. How can you retrieve all the information from the cd.facilities table?

Query:

SELECT * FROM cd.facilities

Result:



Question:

1. You want to print out a list of all of the facilities and their cost to members. How would you retrieve a list of only facility names and costs?

Query:

SELECT name, membercost FROM cd. facilities

Result:



Question:

1. How can you produce a list of facilities that charge a fee to members? Expected Results should have just 5 rows:

Query: SELECT * FROM cd.facilities WHERE membercost>0;

Result:

	facid [PK] integer	name character varying (100)	membercost numeric	guestcost numeric	initialoutlay numeric	monthlymaintenance , numeric
1	0	Tennis Court 1	5	25	10000	200
2		Tennis Court 2	5	25	8000	200
3	4	Massage Room 1	35	80	4000	3000
4	5	Massage Room 2	35	80	4000	3000
5	6	Squash Court	3.5	17.5	5000	80

Question:

- How can you produce a list of facilities that charge a fee to members, and that fee is less than 1/50th of the monthly maintenance cost?
 Return the facid, facility name, member cost, and monthly maintenance of the facilities in question.
 - Result is just two rows:

Query:

SELECT facid, name, monthlymaintenance, membercost FROM cd.facilities WHERE membercost > 0 AND membercost < monthlymaintenance*1/50;

Result:

	facid [PK] integer	name character varying (100)	monthlymaintenance numeric	membercost numeric
1		Massage Room 1	3000	35
2		Massage Room 2	3000	35

Question:

1. How can you produce a list of all facilities with the word 'Tennis' in their name?

Query: SELECT * FROM cd.facilities WHERE name ILIKE '%Tennis%';

Result:



Question:

- 1. How can you retrieve the details of facilities with ID 1 and 5? Try to do it without using the OR operator.
 - Expected Result is 2 rows

Query:

SELECT * FROM cd.facilities WHERE facid IN ('1','5');

Result:



Question:

Query:

Result:

Question:

Query:

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