

DBMS: LAB 8

NESTED AND CORRELATED QUERIES

University Fest Management System

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- Abuthwahir H M
- PES1UG22CS022

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TASK 1:

Question 1:

Selecting the cafenames of the cafes which have distinct items greater than the average of distinct items from all the cafes

cafename	
case A	
café C	

Question 2:

This selects the cafename and gender exclusivity if the a cafe is visted by only females it is selected as 'Only female' else if only male visitors it is marked as 'Only male' else if both genders visit a café



Database Management System

Café_name	Gender_exclusively	
Café A	Both Genders	
Café B	Only female	
Café C	Only male	

The given querry returns the café name and Gender_exclusivity

Question 3:

Name	
Sarah	

The given querry gives the name who visited the café which serves all food items they odered.



TASK 2:

Question 1:

Question 2:



Question 3:

Question 4:

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PES1UG22CS022--> SELECT DISTINCT e.event_id, e.event_name FRC
duction IN (SELECT date_of_conduction FROM event_conduction \
vent_id = ec2.event_id AND ec.date_of_conduction = ec2.date_d
  event_id | event_name
  E1
             Adventure Trek
  E6
             Robot Wars
2 rows in set (0.04 sec)
PES1UG22CS022--> SELECT stall_id, name
    -> FROM stall s
    -> WHERE NOT EXISTS (
    ->
           (SELECT name
    ->
            FROM item
            WHERE name LIKE '%Chicken%')
    ->
    ->
           EXCEPT
    ->
           (SELECT item_name
            FROM stall_items si
    ->
    ->
            WHERE s.stall_id = si.stall_id)
    -> );
 stall_id | name
             BiteStreet
  S8
  S4
             Culinary Haven
  S9
             FlavorCraft
3 rows in set (0.07 sec)
PES1UG22CS022-->
```



Question 5:

PESIUG22CS022--> SELECT e.event_name, CASE WHEN MAX(participant_count) > 1 THEN 'Group event' ELSE 'Individual event' END AS type_of_event, MAX(participant_count) AS max_participant participant part

Drama Play	event_name	type_of_event	max_participants	min_participants
Hackathon		Group event		1
Sound and Lighting	Music Concert	Group event	2	1
Code Jam	Hackathon	Group event	2	1
Tech Expo	Sound and Lighting	Group event	2	1
Adventure Trek	Code Jam	Group event	2	1
Escape Room Challenge Group event 2 2 2 2 3 3 3 3 3 3	Tech Expo	Group event	2	1
Art Workshop	Adventure Trek	Group event	2] 2
Film Screening	Escape Room Challenge	Group event	2] 2
Traditional Dance wars	Art Workshop	Individual event	1	1
Singing Contest	Film Screening	Individual event	1	1
Fashion Exhibition	Traditional Dance wars	Individual event	1	j 1
Poetry Slam	Singing Contest	Individual event	1	1
Quiz Competition	Fashion Exhibition	Individual event	1	1
Tech Talk	Poetry Slam	Individual event	1	1
Web Design Contest	Quiz Competition	Individual event	1	1
Paintball Tournament	Tech Talk	Individual event	1	1
Stage Setup	Web Design Contest		1	1
Event Coordination	Paintball Tournament	Individual event	1	1
Volunteer Management		Individual event	1	1
Baking Competition	Event Coordination	Individual event	1	1
Food Tasting	Volunteer Management	Individual event	1	1
Cooking Workshop	Baking Competition	Individual event	1	1
Short Film Screening	Food Tasting		1	1
Literary Debate	Cooking Workshop		1	1
Writing Competition Individual event 1 1 1 Poetry Recitation Individual event 1 1 1	Short Film Screening	Individual event	1	1
Poetry Recitation Individual event 1 1	Literary Debate	Individual event	1	1
	Writing Competition	Individual event	1	1
Photography Contest Individual event 1 1	Poetry Recitation	Individual event	1	j 1
	Photography Contest	Individual event	1	j 1
Robot Wars Individual event 1 1	Robot Wars	Individual event	1	1
Gaming Tournament Individual event 1 1	Gaming Tournament	Individual event	1	1

31 rows in set (0.01 sec)

PES1UG22CS022--> |