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INDIA-PAKISTAN

CULTURAL AFFINITIES: BRIDGING BORDERS SQL ANALYSIS

A SERIES ON RELATIONSHIPS

TABLES USED

- Country
- CulturalExchangeEvent
- CulturalAspect
- CulturalComparison

PROJECT OBJECTIVE

The objective of this project is to design and implement a Cultural Connectivity Database that facilitates exploration of cultural affinities between countries, with a specific focus on India and Pakistan. The database includes information on countries, cultural exchange events, and various cultural aspects.

1. RETRIEVE ALL COUNTRIES IN THE DATABASE ?



```
SELECT Name FROM Country;
```


OUTPUT

Query #1

Execution time: 0ms

Name
India
Pakistan

2. FIND ALL CULTURAL EXCHANGE EVENTS WITH THEIR DESCRIPTIONS?



```
SELECT EventName  
       ,EventDate  
       ,Description  
FROM CulturalExchangeEvent;
```


OUTPUT

Query #2

Execution time: 1ms

EventName	EventDate	Description
Unity Day Celebration	2023-02-15	An event to promote unity and cultural diversity
Heritage Expo 2023	2023-04-20	Showcasing the rich heritage of both nations
Bollywood-Pakistan Fusion Night	2023-06-10	A cultural extravaganza featuring music and dance
Traditional Food Festival	2023-08-05	Exploring the culinary delights of India and Pakistan
Sufi Music Concert	2023-09-25	A mesmerizing evening of Sufi music from both countries
Art and Craft Fair	2023-11-12	Celebrating traditional art and crafts
Literary Symposium	2024-01-30	Exploring the shared literary heritage of India and Pakistan
Fashion Fusion Show	2024-03-18	A showcase of fashion trends blending Indian and Pakistani styles
Cultural Exchange Youth Camp	2024-05-22	Fostering cultural understanding among the youth
Folk Dance Festival	2024-07-15	Dazzling performances of traditional folk dances

3. LIST CULTURAL ASPECTS AND THEIR NAMES?



```
SELECT AspectName FROM CulturalAspect;
```


OUTPUT

Query #3 **Execution time: 0ms**

AspectName
Language
Cuisine
Traditional Clothing

4. GET SIMILARITIES BETWEEN CULTURES FOR A SPECIFIC ASPECT (E.G., LANGUAGE)?



```
SELECT C.Name AS Country_Name
      ,CA.AspectName
      ,CC.Similarity
FROM CulturalComparison AS CC
JOIN CulturalAspect AS CA USING(AspectID)
JOIN Country AS C USING(CountryID)
WHERE AspectID = 1;
```


OUTPUT

Query #4 **Execution time: 0ms**

Country_Name	AspectName	Similarity
India	Language	India and Pakistan have a shared history of classical music
India	Language	Hindi and Urdu are widely spoken in both India and Pakistan
Pakistan	Language	Both countries have a strong emphasis on family values
Pakistan	Language	Urdu is spoken in Pakistan, and Hindi is spoken in India

5. RETRIEVE EVENTS WITH THEIR PARTICIPATING COUNTRIES AND DATES?



```
SELECT EventName, Country.Name AS Country1, Country2.Name AS Country2, EventDate
FROM CulturalExchangeEvent
JOIN Country ON CulturalExchangeEvent.Country1ID = Country.CountryID
JOIN Country AS Country2 ON CulturalExchangeEvent.Country2ID = Country2.CountryID;
```


OUTPUT

Query #5 **Execution time: 1ms**

EventName	EventDate	Country1	Country2
Folk Dance Festival	2024-07-15	Pakistan	India
Fashion Fusion Show	2024-03-18	Pakistan	India
Art and Craft Fair	2023-11-12	Pakistan	India
Traditional Food Festival	2023-08-05	Pakistan	India
Heritage Expo 2023	2023-04-20	Pakistan	India
Cultural Exchange Youth Camp	2024-05-22	India	Pakistan
Literary Symposium	2024-01-30	India	Pakistan
Sufi Music Concert	2023-09-25	India	Pakistan
Bollywood-Pakistan Fusion Night	2023-06-10	India	Pakistan
Unity Day Celebration	2023-02-15	India	Pakistan

6. FIND EVENTS HAPPENING AFTER A SPECIFIC DATE:'2023-08-05'?



```
SELECT EventName  
       ,EventDate  
FROM CulturalExchangeEvent  
WHERE EventDate > '2023-08-05';
```


OUTPUT

Query #6 Execution time: 0ms

EventName	EventDate
Sufi Music Concert	2023-09-25
Art and Craft Fair	2023-11-12
Literary Symposium	2024-01-30
Fashion Fusion Show	2024-03-18
Cultural Exchange Youth Camp	2024-05-22
Folk Dance Festival	2024-07-15

7. LIST CULTURAL ASPECTS AND THEIR COMPARISONS FOR A SPECIFIC COUNTRY (E.G., INDIA)?



```
SELECT AspectName  
       ,Similarity  
FROM CulturalComparison  
JOIN CulturalAspect USING(AspectID)  
WHERE CountryID = 1;
```


OUTPUT

Query #7 Execution time: 0ms

AspectName	Similarity
Language	Hindi and Urdu are widely spoken in both India and Pakistan
Cuisine	Both countries have rich and diverse cuisines
Traditional Clothing	Distinct traditional clothing styles: saree in India, shalwar kameez in Pakistan
Language	India and Pakistan have a shared history of classical music
Traditional Clothing	Similarities in architectural styles in historical monuments

8. COUNT THE NUMBER OF CULTURAL ASPECTS COMPARED FOR EACH COUNTRY?



```
SELECT C.Name  
      ,COUNT(*) AS AspectCount  
FROM CulturalComparison  
JOIN Country AS C USING(CountryID)  
GROUP BY C.Name;
```


OUTPUT

Query #8 **Execution time: 1ms**

Name	AspectCount
India	5
Pakistan	5

9. FIND EVENTS THAT INVOLVE A SPECIFIC COUNTRY (E.G., PAKISTAN)?



```
SELECT EventName  
       ,EventDate  
FROM CulturalExchangeEvent  
WHERE Country1ID = 2 OR Country2ID = 2;
```


OUTPUT

Query #9 **Execution time: 14ms**

EventName	EventDate
Unity Day Celebration	2023-02-15
Heritage Expo 2023	2023-04-20
Bollywood-Pakistan Fusion Night	2023-06-10
Traditional Food Festival	2023-08-05
Sufi Music Concert	2023-09-25
Art and Craft Fair	2023-11-12
Literary Symposium	2024-01-30
Fashion Fusion Show	2024-03-18
Cultural Exchange Youth Camp	2024-05-22
Folk Dance Festival	2024-07-15

10. RETRIEVE EVENTS AND THEIR DESCRIPTIONS FOR A GIVEN DATE RANGE '2023-05-01' AND '2023-08-31'?



```
SELECT EventName
       ,Description
       ,EventDate
FROM CulturalExchangeEvent
WHERE EventDate BETWEEN '2023-05-01' AND '2023-08-31';
```


OUTPUT

Query #10 Execution time: 0ms

EventName	Description	EventDate
Bollywood-Pakistan Fusion Night	A cultural extravaganza featuring music and dance	2023-06-10
Traditional Food Festival	Exploring the culinary delights of India and Pakistan	2023-08-05

**THANK
YOU!**

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