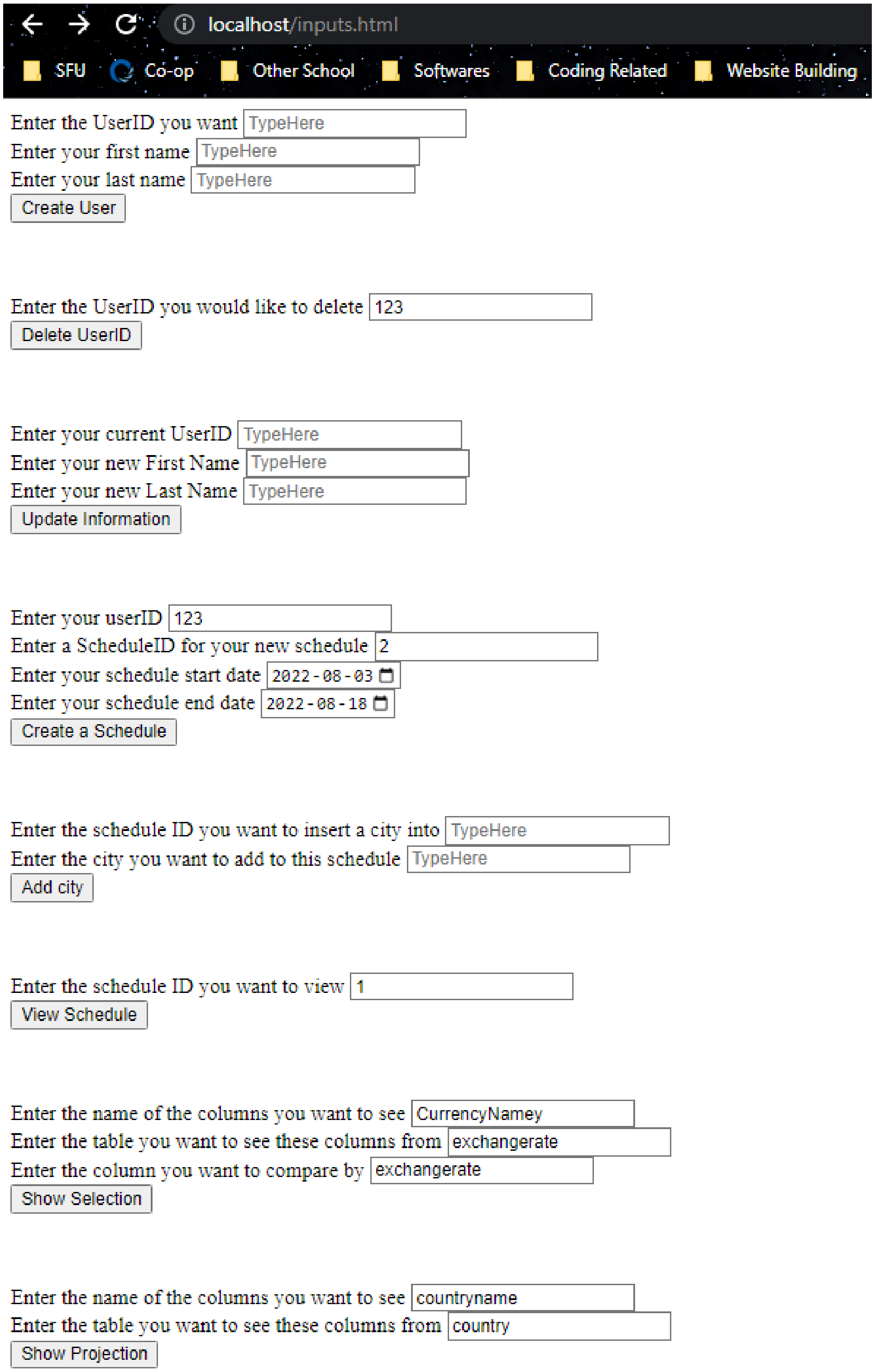
Picture of overall UI



Enter the UserID you want TypeHere
Enter your first name TypeHere
Enter your last name TypeHere
Create User

Enter the UserID you would like to delete 123
Delete UserID

Enter your current UserID TypeHere
Enter your new First Name TypeHere
Enter your new Last Name TypeHere
Update Information

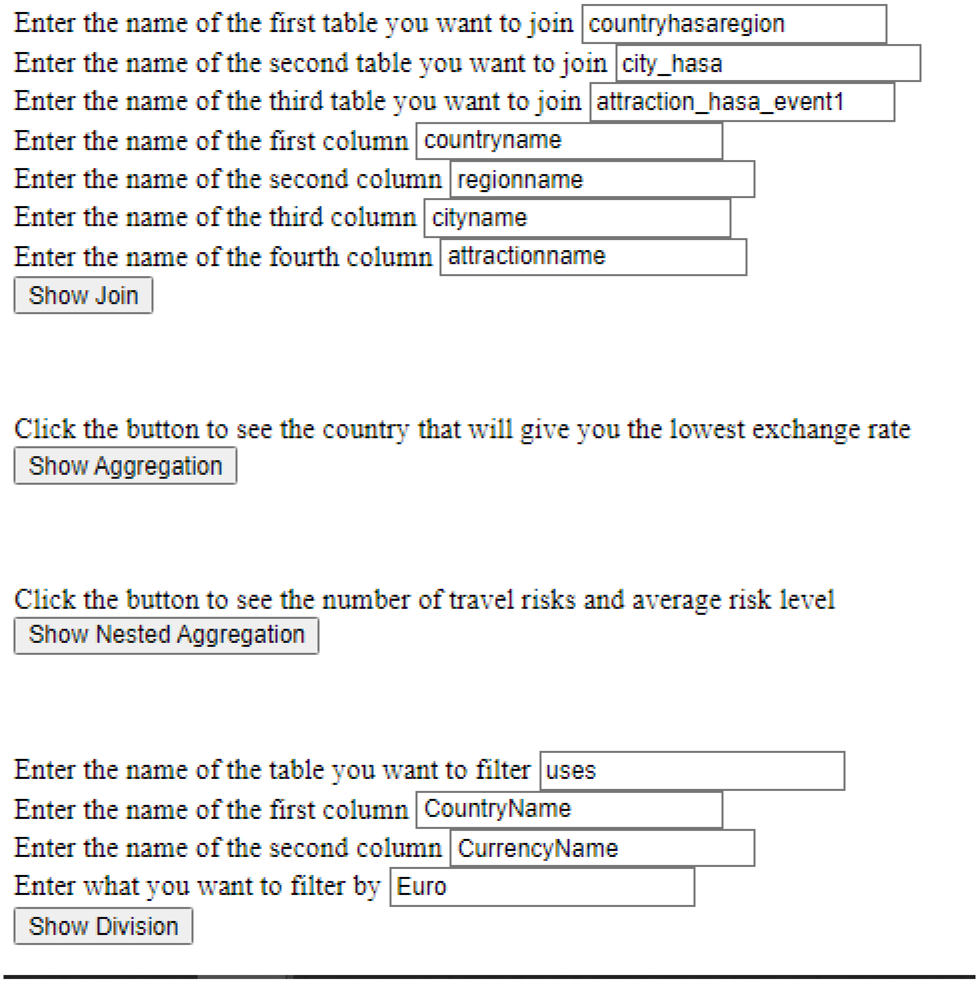
Enter your userID 123
Enter a ScheduleID for your new schedule 2
Enter your schedule start date 2022-08-03
Enter your schedule end date 2022-08-18
Create a Schedule

Enter the schedule ID you want to insert a city into TypeHere
Enter the city you want to add to this schedule TypeHere
Add city

Enter the schedule ID you want to view 1
View Schedule

Enter the name of the columns you want to see CurrencyNamey
Enter the table you want to see these columns from exchangerate
Enter the column you want to compare by exchangerate
Show Selection

Enter the name of the columns you want to see countryname
Enter the table you want to see these columns from country
Show Projection



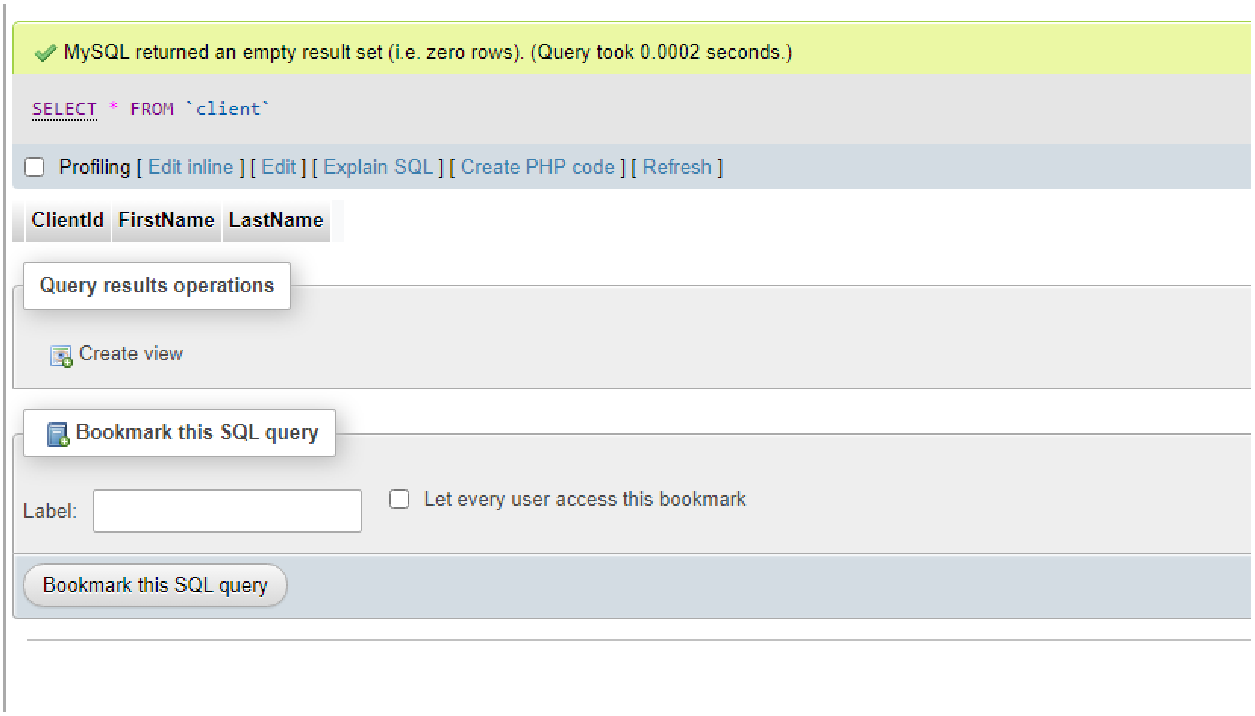
Enter the name of the first table you want to join countryhasaregion
Enter the name of the second table you want to join city_hasa
Enter the name of the third table you want to join attraction_hasa_event1
Enter the name of the first column countryname
Enter the name of the second column regionname
Enter the name of the third column cityname
Enter the name of the fourth column attractionname

Click the button to see the country that will give you the lowest exchange rate

Click the button to see the number of travel risks and average risk level

Enter the name of the table you want to filter uses
Enter the name of the first column CountryName
Enter the name of the second column CurrencyName
Enter what you want to filter by Euro

Before creating a client:



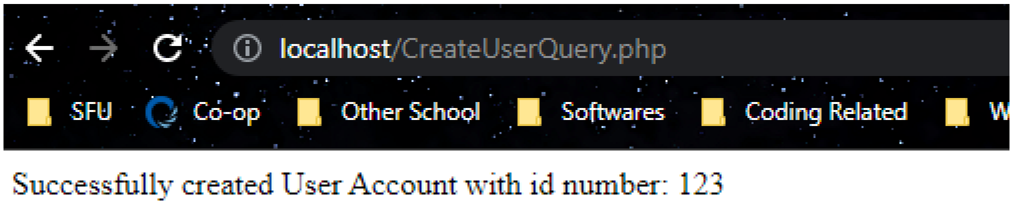
✓ MySQL returned an empty result set (i.e. zero rows). (Query took 0.0002 seconds.)

```
SELECT * FROM `client`
```

□ Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

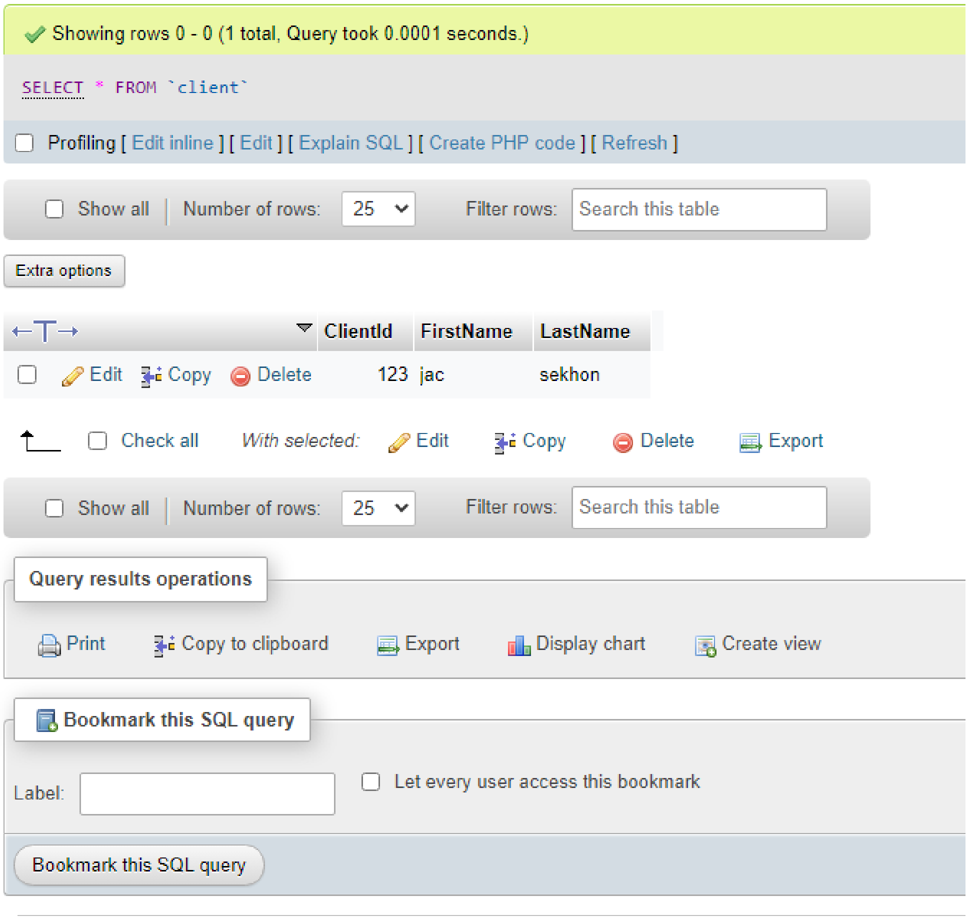
ClientId	FirstName	LastName

Created user:



Successfully created User Account with id number: 123

After creating user:



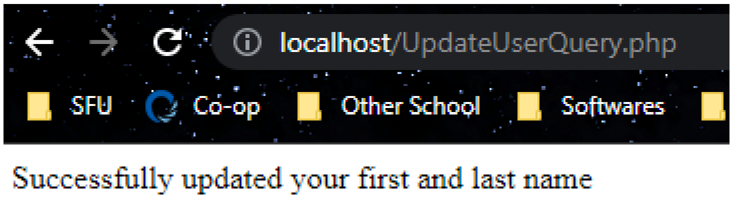
✓ Showing rows 0 - 0 (1 total, Query took 0.0001 seconds.)

```
SELECT * FROM `client`
```

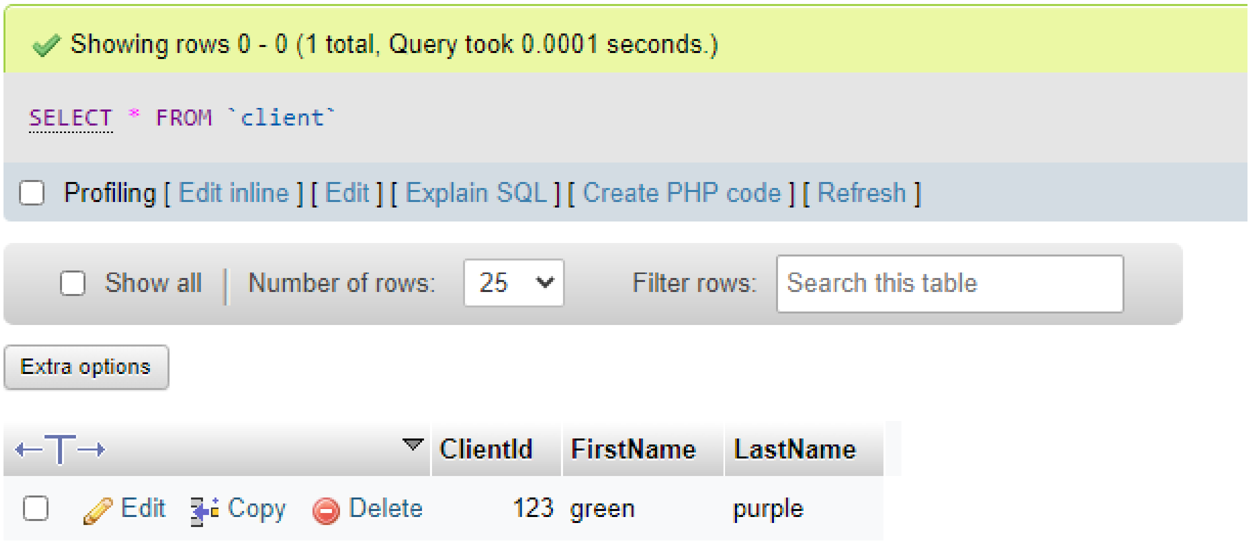
ClientId	FirstName	LastName
123	jac	sekhon

□ Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]
□ Show all
Number of rows: 25
Filter rows: Search this table
Extra options
□ Edit Copy Delete
□ Check all With selected: Edit Copy Delete Export
□ Show all
Number of rows: 25
Filter rows: Search this table
Query results operations
Print
Copy to clipboard
Export
Display chart
Create view
Bookmark this SQL query
Label:
□ Let every user access this bookmark
Bookmark this SQL query

Updating user information:



Successfully updated your first and last name

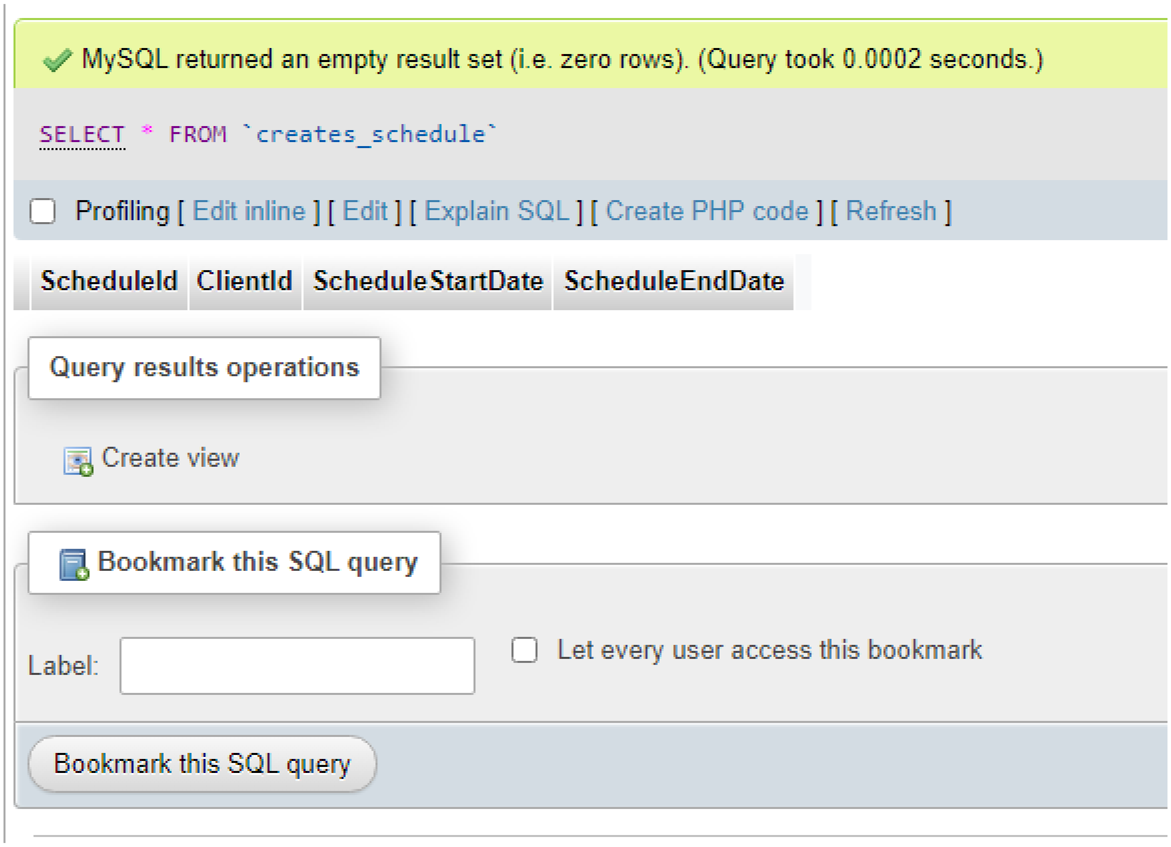

✓ Showing rows 0 - 0 (1 total, Query took 0.0001 seconds.)

```
SELECT * FROM `client`
```

□ Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]
□ Show all | Number of rows: 25 Filter rows: Search this table
Extra options

	ClientId	FirstName	LastName
□ Edit Copy Delete	123	green	purple

Before creating schedule:



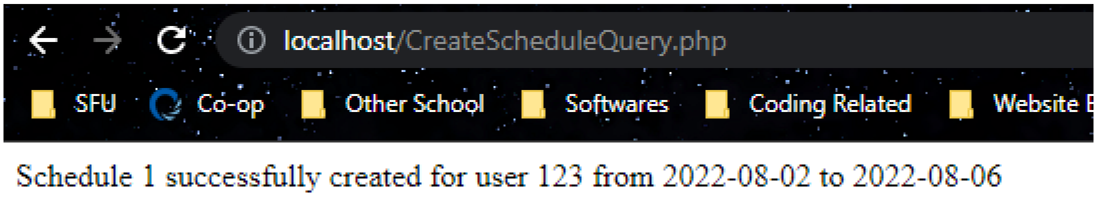
✓ MySQL returned an empty result set (i.e. zero rows). (Query took 0.0002 seconds.)

```
SELECT * FROM `creates_schedule`
```

□ Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

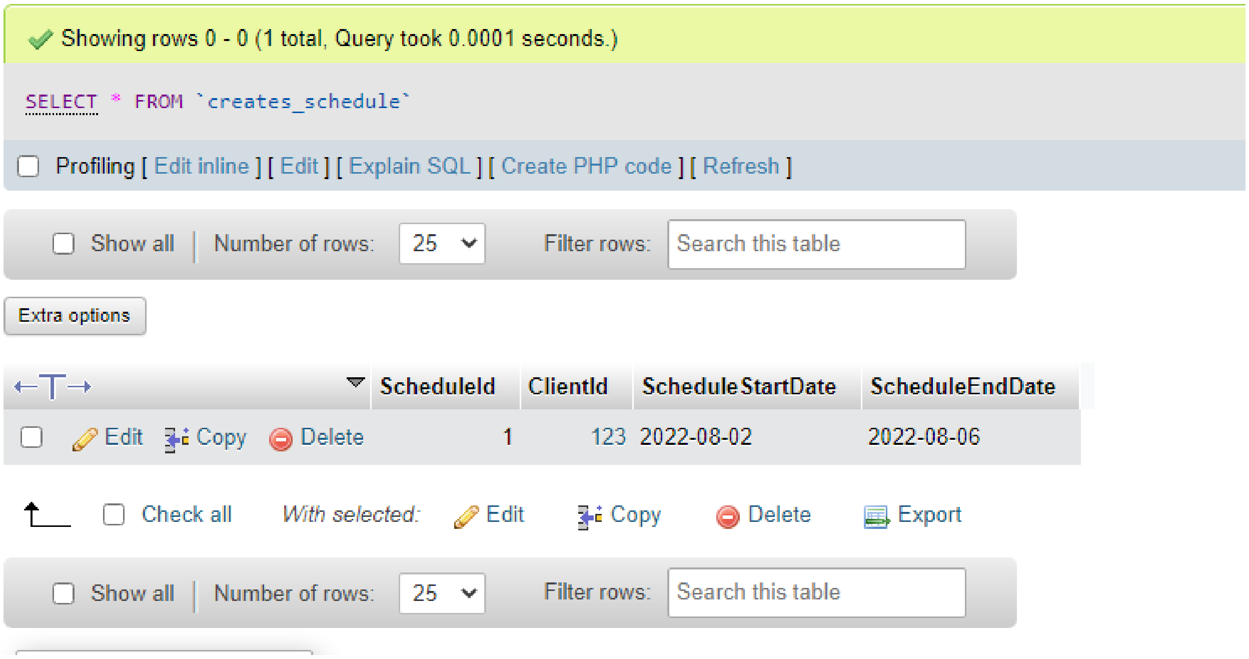
ScheduleId	ClientId	ScheduleStartDate	ScheduleEndDate

Creating schedule:



Schedule 1 successfully created for user 123 from 2022-08-02 to 2022-08-06

After creating schedule:


✓ Showing rows 0 - 0 (1 total, Query took 0.0001 seconds.)

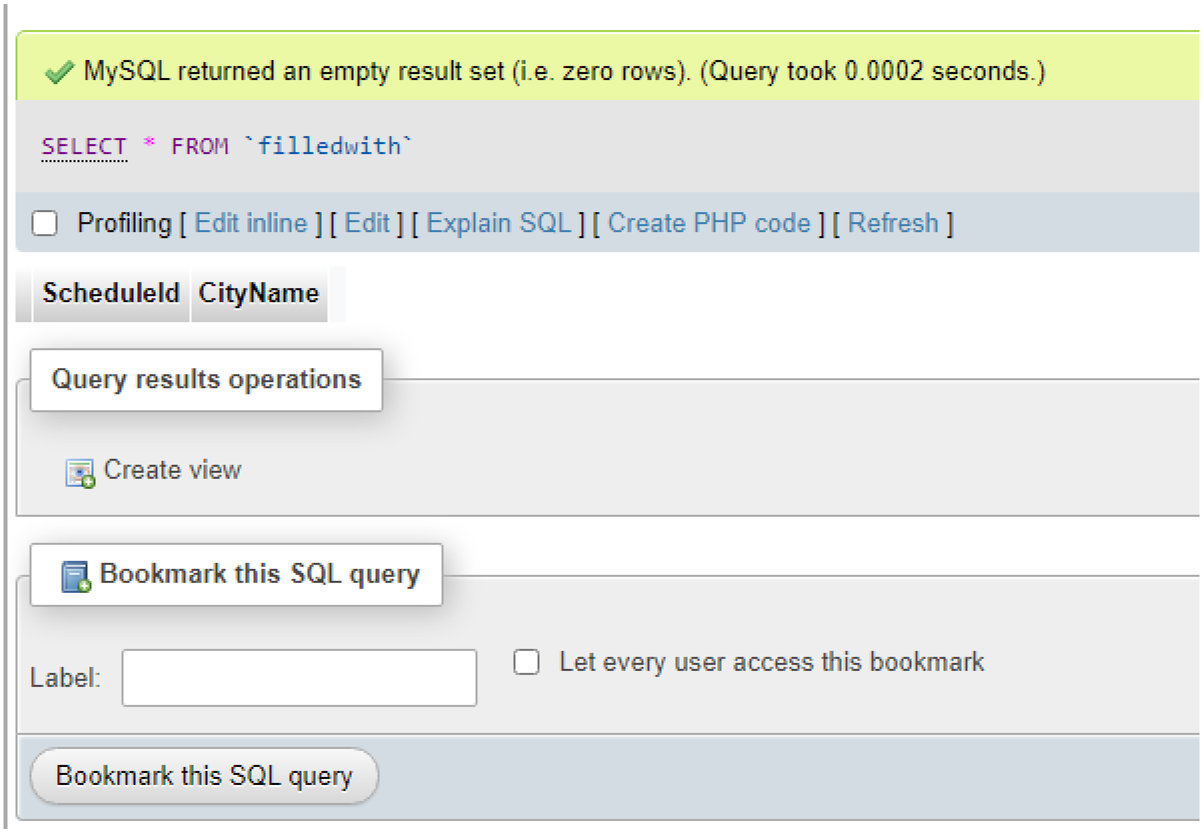
```
SELECT * FROM `creates_schedule`
```

□ Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]
□ Show all | Number of rows: 25 Filter rows: Search this table
Extra options

	ScheduleId	ClientId	ScheduleStartDate	ScheduleEndDate
□ Edit Copy Delete	1	123	2022-08-02	2022-08-06

□ Check all With selected: Edit Copy Delete Export
□ Show all | Number of rows: 25 Filter rows: Search this table

Before filling schedule 1 with cities:



✓ MySQL returned an empty result set (i.e. zero rows). (Query took 0.0002 seconds.)

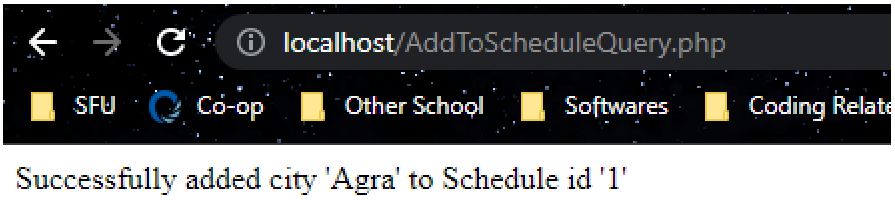
```
SELECT * FROM `filledwith`
```

□ Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

ScheduleId	CityName

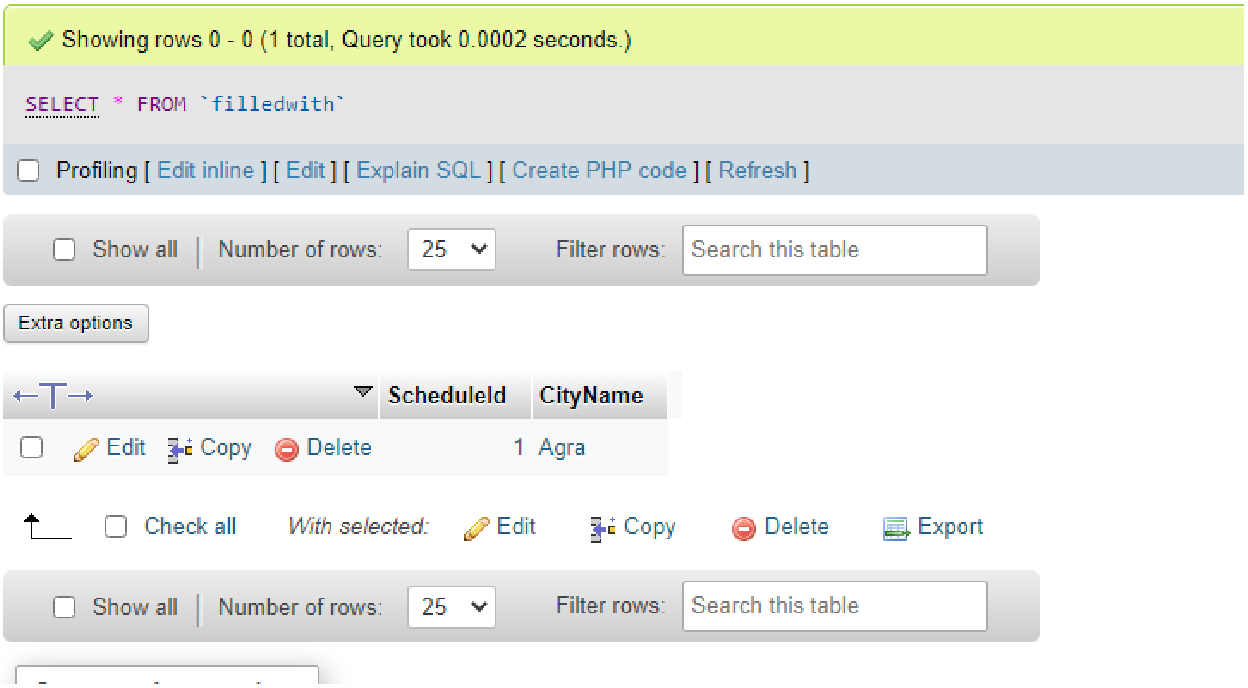
Query results operations
Create view
Bookmark this SQL query
Label:
□ Let every user access this bookmark
Bookmark this SQL query

Filling with city: Agra



Successfully added city 'Agra' to Schedule id '1'

After filling schedule 1 with Agra



Showing rows 0 - 0 (1 total, Query took 0.0002 seconds.)

```
SELECT * FROM `filledwith`
```

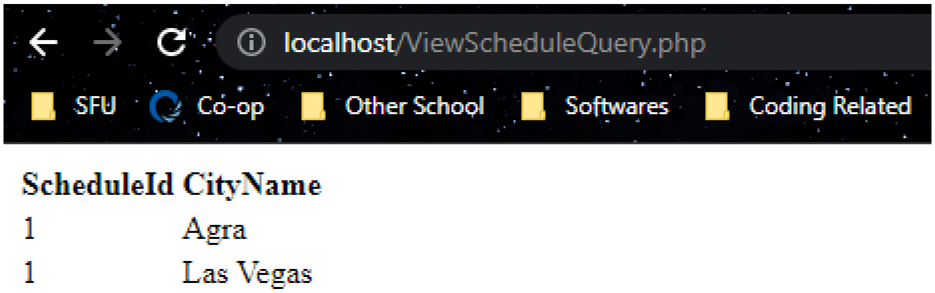
□ Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]
□ Show all
Number of rows: 25
Filter rows: Search this table
Extra options

	ScheduleId	CityName
□ Edit Copy Delete	1	Agra

□ Check all
With selected:
Edit
Copy
Delete
Export
□ Show all
Number of rows: 25
Filter rows: Search this table

Before viewing schedule: add in las vegas to schedule 1

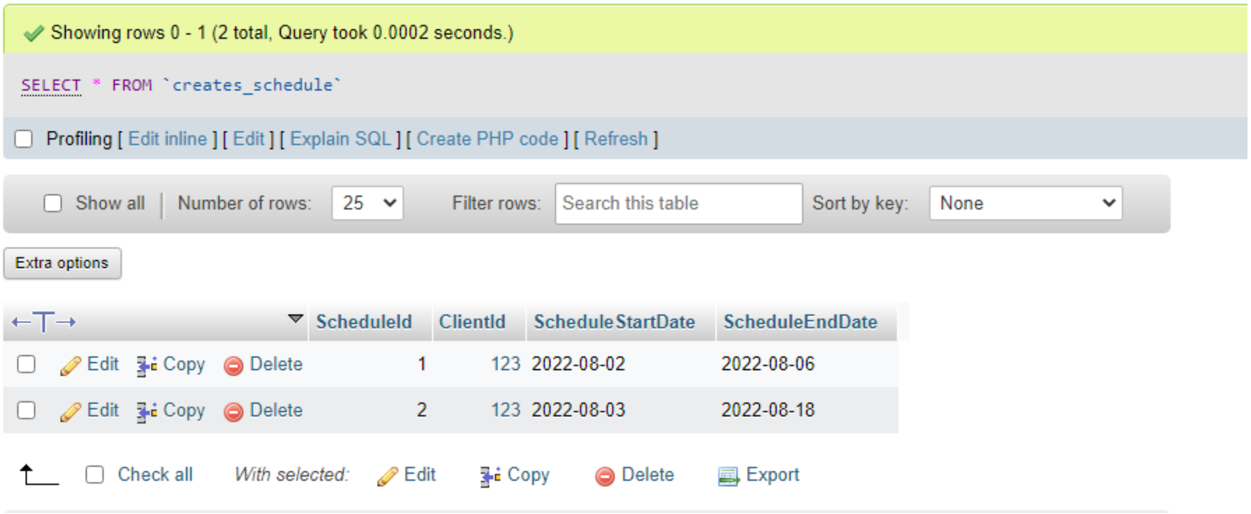
View of schedule 1:



ScheduleId	CityName
1	Agra
1	Las Vegas

Deleting Client

Before deleting add another scheduleID = 2


✓ Showing rows 0 - 1 (2 total, Query took 0.0002 seconds.)

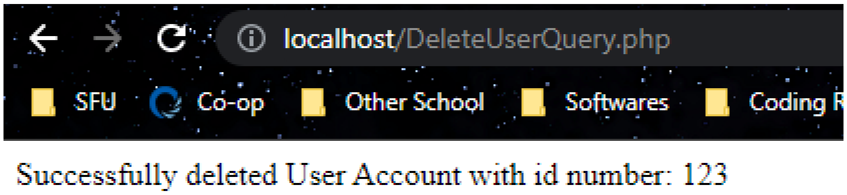
```
SELECT * FROM `creates_schedule`
```

□ Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]
□ Show all | Number of rows: 25 Filter rows: Search this table Sort by key: None
Extra options

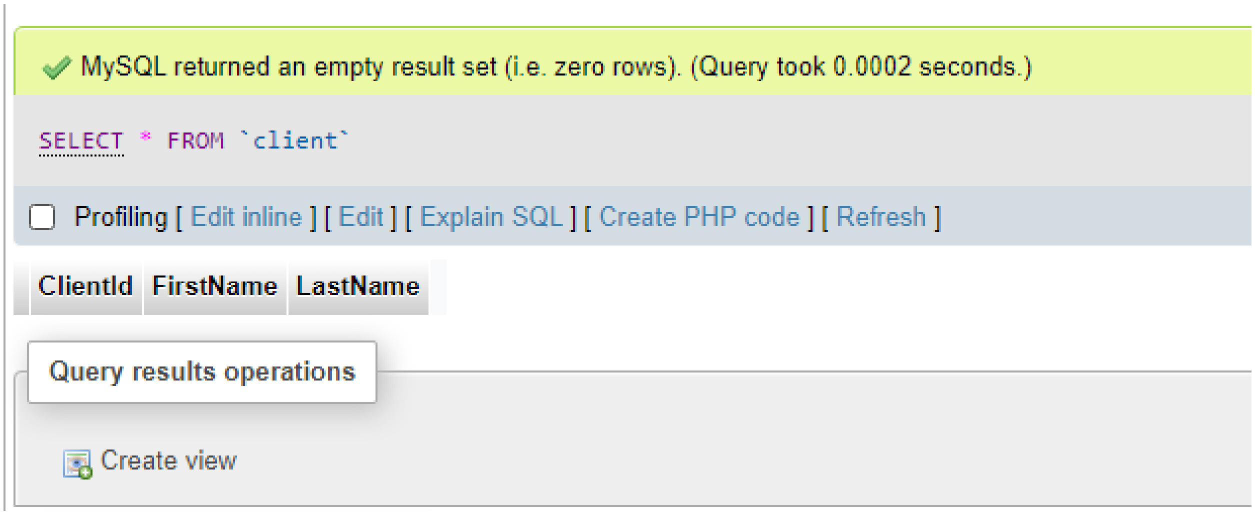
	ScheduleId	ClientId	ScheduleStartDate	ScheduleEndDate
□ Edit Copy Delete	1	123	2022-08-02	2022-08-06
□ Edit Copy Delete	2	123	2022-08-03	2022-08-18

□ Check all With selected: Edit Copy Delete Export

Now delete the client and watch cascade occur:



Successfully deleted User Account with id number: 123



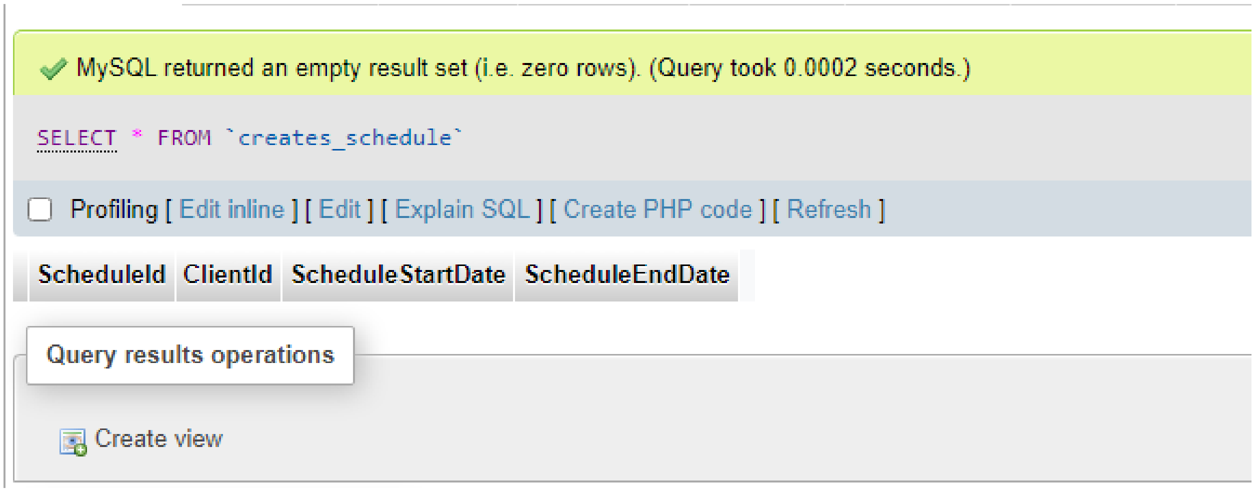
✓ MySQL returned an empty result set (i.e. zero rows). (Query took 0.0002 seconds.)

```
SELECT * FROM `client`
```

□ Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

ClientId	FirstName	LastName

Query results operations
Create view



✓ MySQL returned an empty result set (i.e. zero rows). (Query took 0.0002 seconds.)

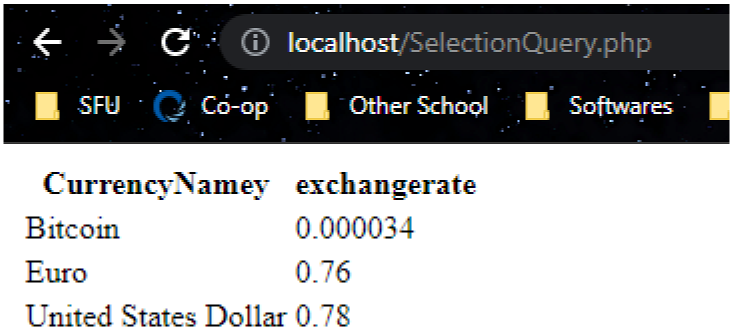
```
SELECT * FROM `creates_schedule`
```

□ Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

ScheduleId	ClientId	ScheduleStartDate	ScheduleEndDate

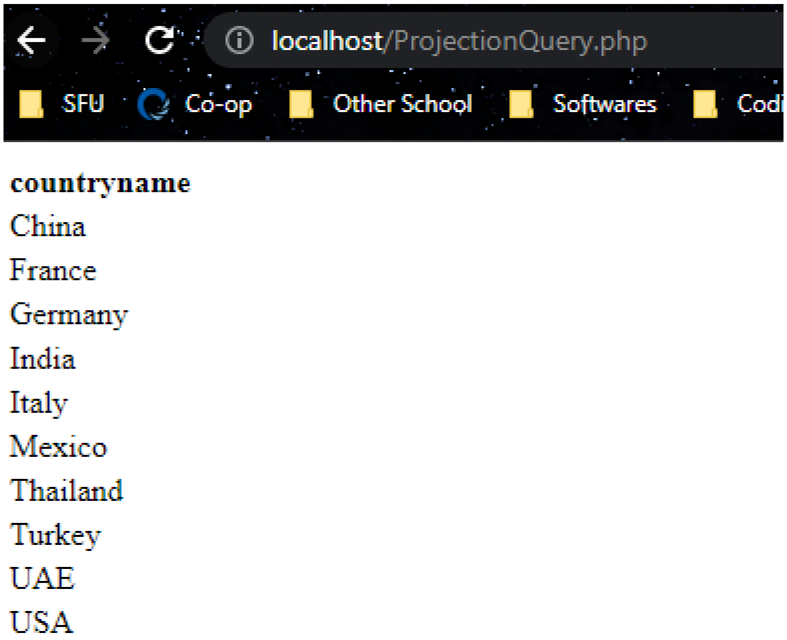
Query results operations
Create view

Selection Query for showing Currency name and exchange rate where exchange rate < 1



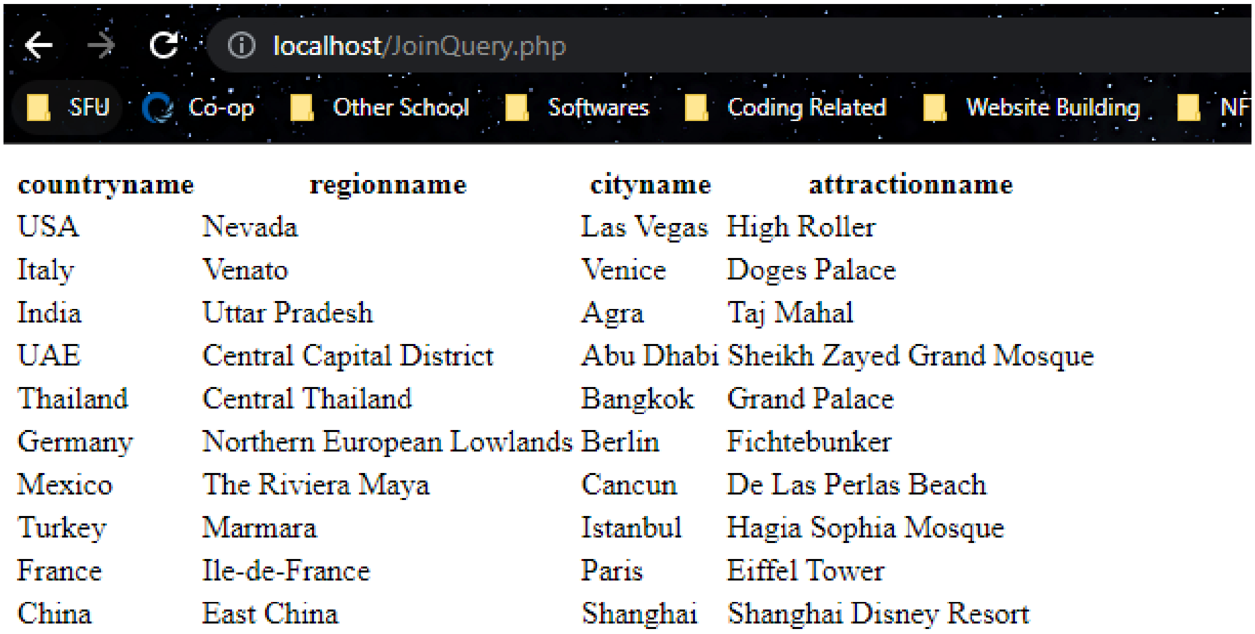
CurrencyNamey	exchangerate
Bitcoin	0.000034
Euro	0.76
United States Dollar	0.78

Projection Query for showing the list of all the countries available in the database



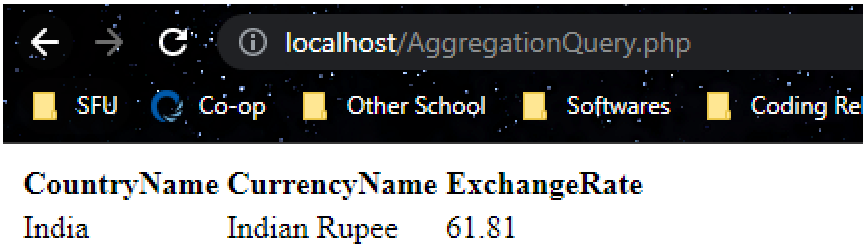
countryname
China
France
Germany
India
Italy
Mexico
Thailand
Turkey
UAE
USA

Join query for joining tables: countryhasaregion, city_hasa and attraction_hasa_event1:



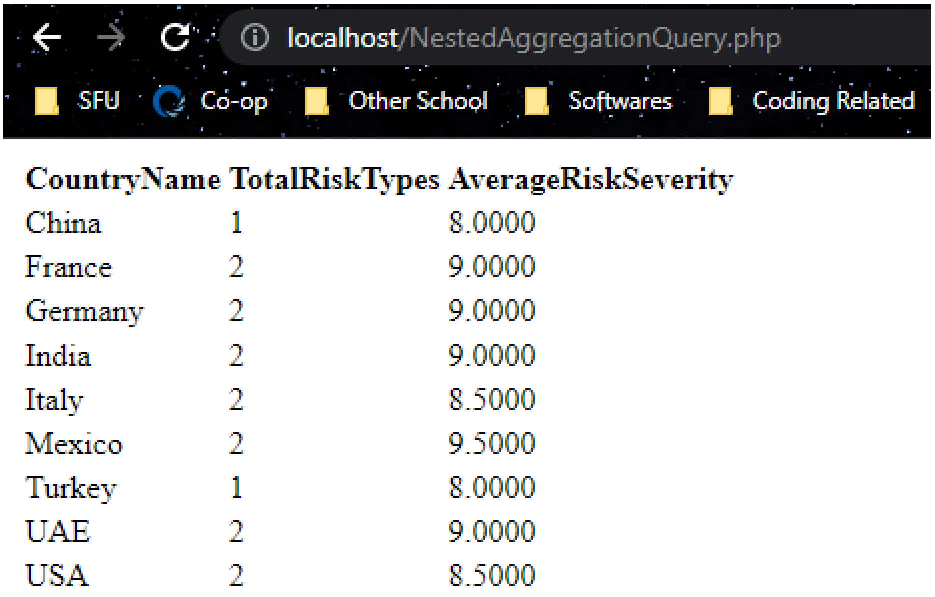
countryname	regionname	cityname	attractionname
USA	Nevada	Las Vegas	High Roller
Italy	Venato	Venice	Doges Palace
India	Uttar Pradesh	Agra	Taj Mahal
UAE	Central Capital District	Abu Dhabi	Sheikh Zayed Grand Mosque
Thailand	Central Thailand	Bangkok	Grand Palace
Germany	Northern European Lowlands	Berlin	Fichtebunker
Mexico	The Riviera Maya	Cancun	De Las Perlas Beach
Turkey	Marmara	Istanbul	Hagia Sophia Mosque
France	Ile-de-France	Paris	Eiffel Tower
China	East China	Shanghai	Shanghai Disney Resort

Aggregate query for showing the country and exchange rate of the country that has the highest cad->local currency exchange rate



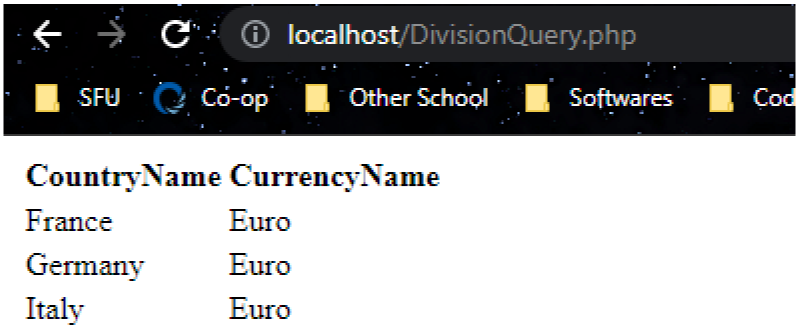
CountryName	CurrencyName	ExchangeRate
India	Indian Rupee	61.81

Nested aggregate query for showing the average risk type and number of risks that are above 7/10 severity rating



CountryName	TotalRiskTypes	AverageRiskSeverity
China	1	8.0000
France	2	9.0000
Germany	2	9.0000
India	2	9.0000
Italy	2	8.5000
Mexico	2	9.5000
Turkey	1	8.0000
UAE	2	9.0000
USA	2	8.5000

Division query to show all countries that use the Euro and filter out all that do not



CountryName	CurrencyName
France	Euro
Germany	Euro
Italy	Euro