

Homework 5

Create a new word document that includes the following:

1. A link to your GitHub repository for a NEW project

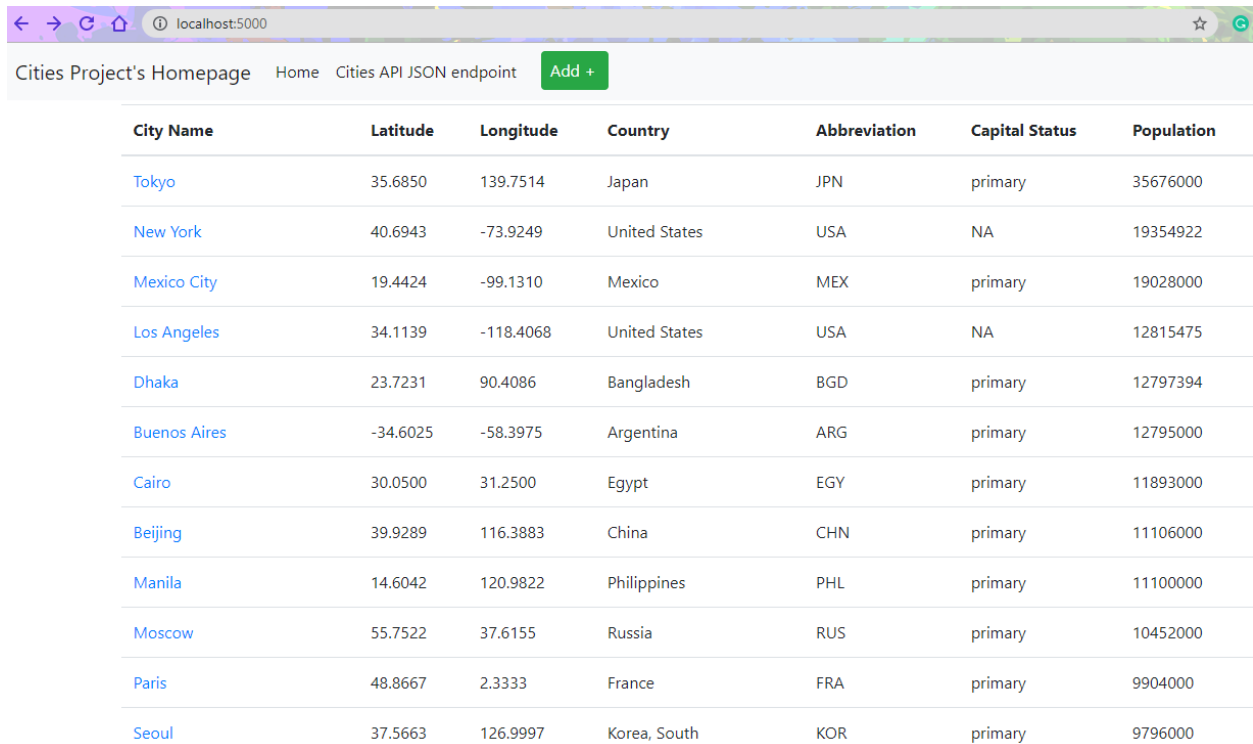
<https://github.com/Abdmabu1/Homework5>

2. Submit a word document with screen shots of the following:

- a. The project showing that you can view YOUR data tables in PyCharm

```
`fldName` VARCHAR(21) CHARACTER SET utf8,  
`fldLat` NUMERIC(6, 4),  
`fldLong` NUMERIC(7, 4),  
`fldCountry` VARCHAR(19) CHARACTER SET utf8,  
`fldAbbreviation` VARCHAR(3) CHARACTER SET utf8,  
`fldCapitalStatus` VARCHAR(7) CHARACTER SET utf8,  
`fldPopulation` INT
```

- b. YOUR project running correctly in the browser displaying your homepage with your data



The screenshot shows a web browser at localhost:5000 displaying a web application titled "Cities Project's Homepage". The application has a navigation bar with "Home" and "Cities API JSON endpoint" links, and an "Add +" button. Below the navigation bar is a table with 7 columns: City Name, Latitude, Longitude, Country, Abbreviation, Capital Status, and Population. The table contains 12 rows of city data.

City Name	Latitude	Longitude	Country	Abbreviation	Capital Status	Population
Tokyo	35.6850	139.7514	Japan	JPN	primary	35676000
New York	40.6943	-73.9249	United States	USA	NA	19354922
Mexico City	19.4424	-99.1310	Mexico	MEX	primary	19028000
Los Angeles	34.1139	-118.4068	United States	USA	NA	12815475
Dhaka	23.7231	90.4086	Bangladesh	BGD	primary	12797394
Buenos Aires	-34.6025	-58.3975	Argentina	ARG	primary	12795000
Cairo	30.0500	31.2500	Egypt	EGY	primary	11893000
Beijing	39.9289	116.3883	China	CHN	primary	11106000
Manila	14.6042	120.9822	Philippines	PHL	primary	11100000
Moscow	55.7522	37.6155	Russia	RUS	primary	10452000
Paris	48.8667	2.3333	France	FRA	primary	9904000
Seoul	37.5663	126.9997	Korea, South	KOR	primary	9796000

c. YOUR project running correctly in the browser displaying your data record as a view of one record

The screenshot shows a web browser at the URL `localhost:5000/view/7`. The page has a navigation bar with links for `Home`, `Cities API JSON endpoint`, and a green `Add +` button. The main content area displays the details for a city record titled **Cairo - EGY**. The record is shown in a form with the following fields: `30.0500`, `31.2500`, `primary`, `Egypt`, and `11893000`. Below these fields is a blue `edit` button, and at the bottom is a red `Save` button.

d. YOUR project running correctly in the browser displaying a new record added to your home page

The screenshot shows a web browser at the URL `localhost:5000/cities/new`. The page has a navigation bar with links for `Home`, `Cities API JSON endpoint`, and a green `Add +` button. The main content area displays a form for adding a new city record. The form has the following fields: `City Name` (with the value `Abu Dhabi`), `City Abbreviation` (with the value `AB`), `City Country` (with the value `UAE`), `City Latitude` (with the value `12`), `City Longitude` (with the value `34`), `Capital Status` (with the value `Capital`), and `City Population` (with the value `1200000`). Below the form is a green `Success` button.

Louisville	38.1663	-85.6485	United States	USA	NA	1011696
Cologne	50.9300	6.9500	Germany	DEU	NA	1004000
Qínhuangdao	39.9304	119.6200	China	CHN	NA	1003000
Abu Dhabi	21.0300	34.2100	UAE	AB	Capital	120000

e. YOUR project running correctly in the browser displaying an updated record added to your home page

[Home](#)
[Cities API JSON endpoint](#)

Add +

Tokyo - JPN

35.6850

139.7514

primary

Japan

356760000

edit

Save

f. YOUR project running correctly in the browser displaying a deleted record added to your home page

Home	Cities API JSON endpoint
New York - USA	
40.6943	
-73.9249	
NA	
United States	
19354922	
edit	
Delete	