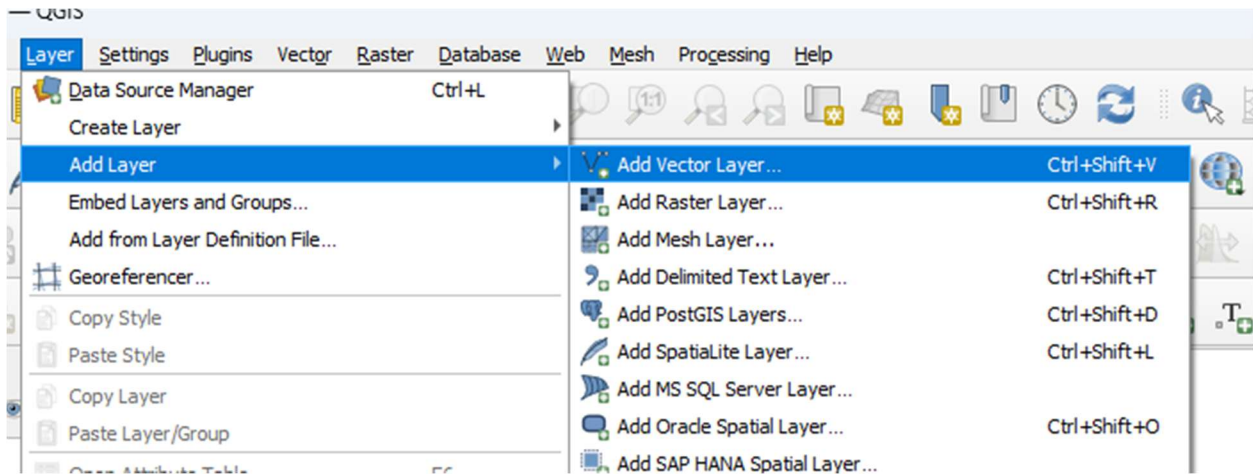
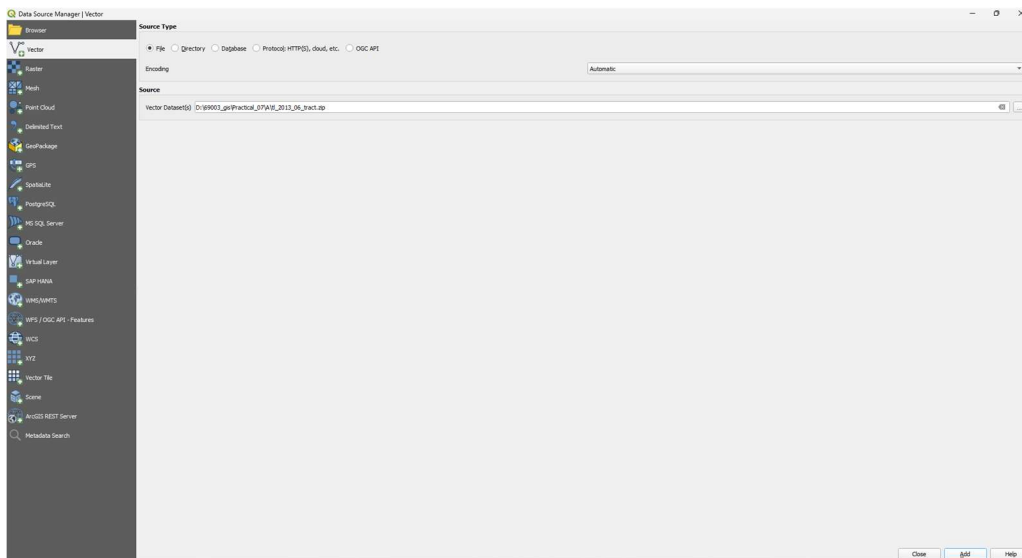


Practical 7

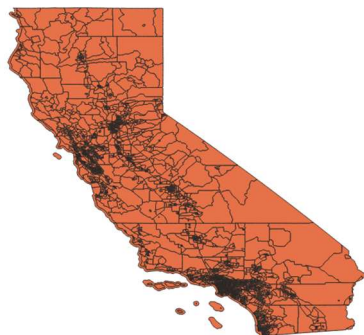
Step1:- Go to “Layer” >Add Vector layer.



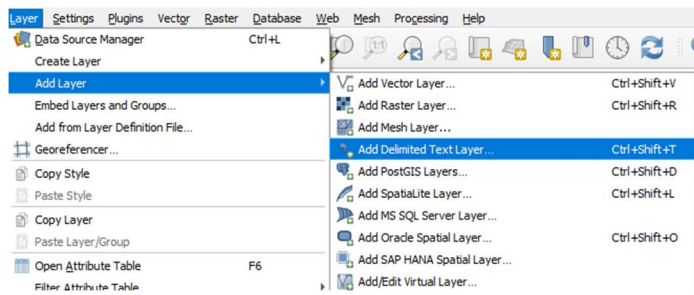
Step 2:- Browse the appropriate file >Click on add and close.



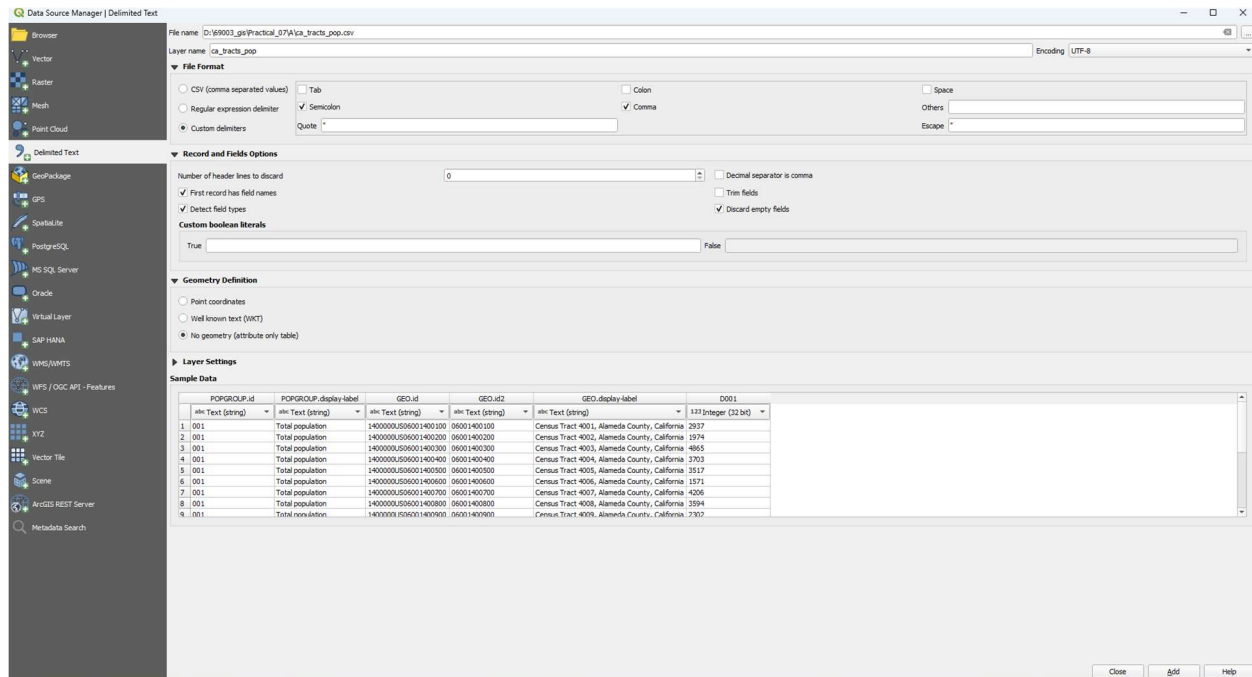
Step 3:- This map will be displayed on the screen.



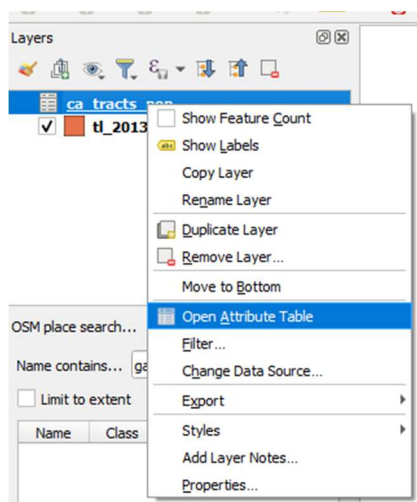
Step 4:- Go to “Layer” >Add Delimited Text layer.



Step 5:- Select the option shown in the image > Click add and close.



Step 6:- Go to “Open Attribute Tables.



Step 7:- This table will pop up on the screen.

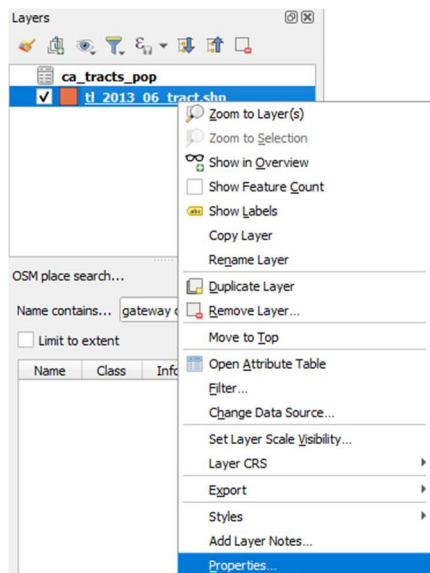
ca_tracts_pop — Features Total: 8000, Filtered: 8000, Selected: 0

	POPGROUP.id	POPGROUP.display-label	GEO.id	GEO.id2	GEO.display-label	D001
1	1	Total population	1400000US0600...	6001400100	Census Tract 40...	2937
2	1	Total population	1400000US0600...	6001400200	Census Tract 40...	1974
3	1	Total population	1400000US0600...	6001400300	Census Tract 40...	4865
4	1	Total population	1400000US0600...	6001400400	Census Tract 40...	3703
5	1	Total population	1400000US0600...	6001400500	Census Tract 40...	3517
6	1	Total population	1400000US0600...	6001400600	Census Tract 40...	1571
7	1	Total population	1400000US0600...	6001400700	Census Tract 40...	4206
8	1	Total population	1400000US0600...	6001400800	Census Tract 40...	3594

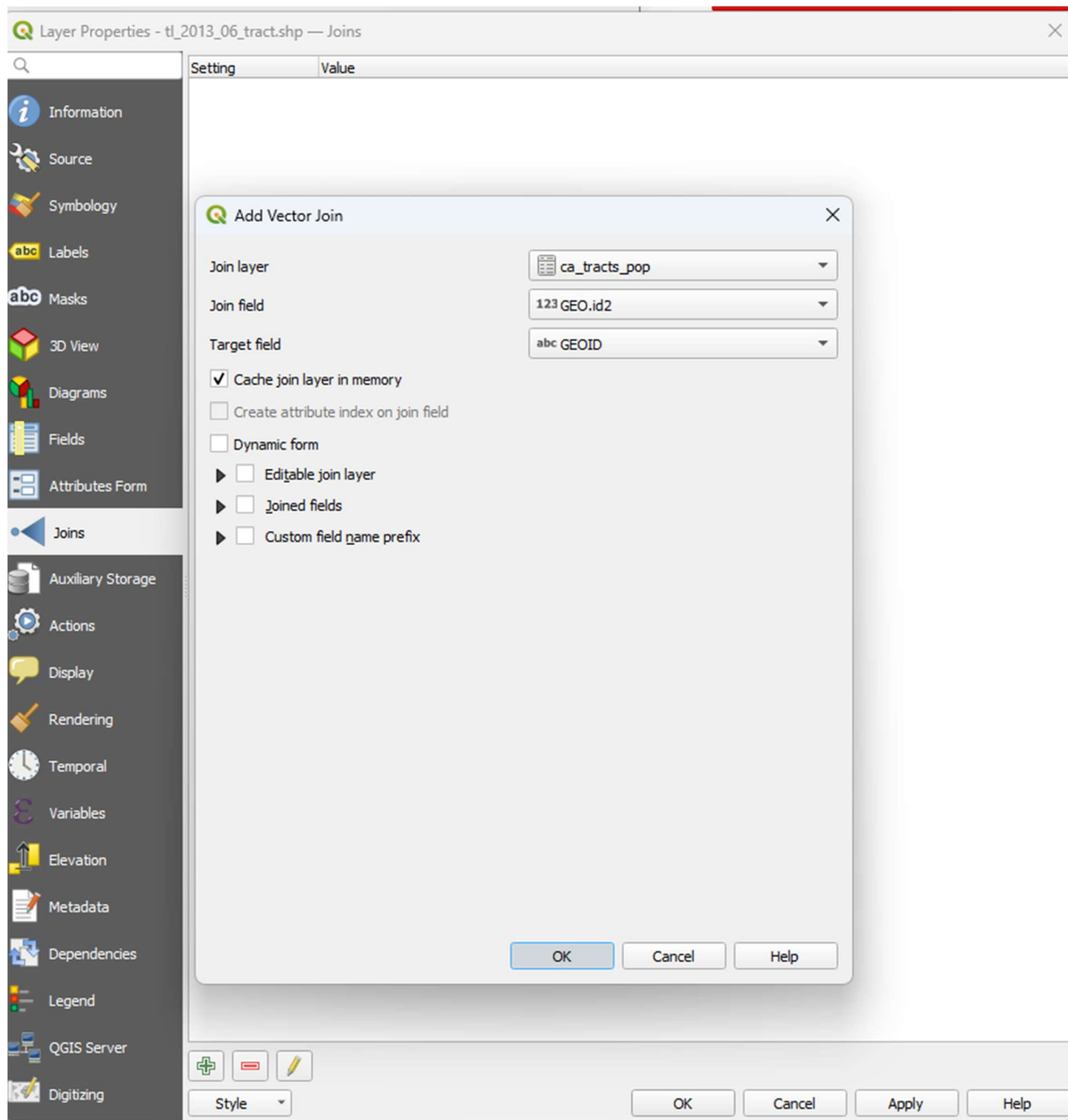
Step 8:- Open notepad > Type the following code > Save the file in the same folder where your csv file is located.

```
ca_tracts_pop.csvt
File Edit View
"String", "String", "String", "String", "String", "Integer"
```

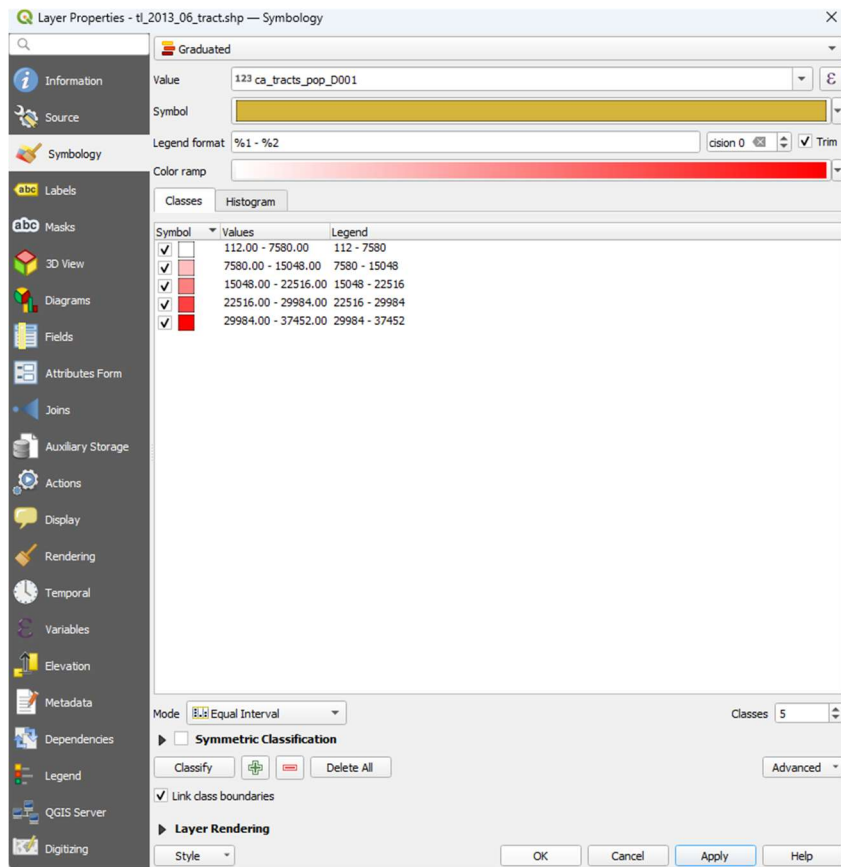
Step 9:- Go to “Properties”.



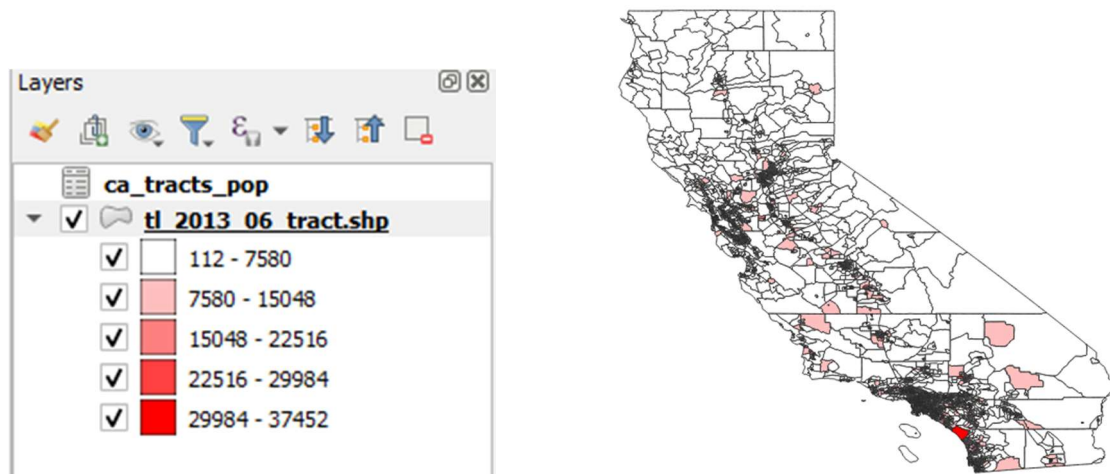
Step10:-Go to “Joins” > Select the options shown in the image > click on ok.



Step 11:- Go to “Symbology” > Select the options shown in the image > click on add and ok

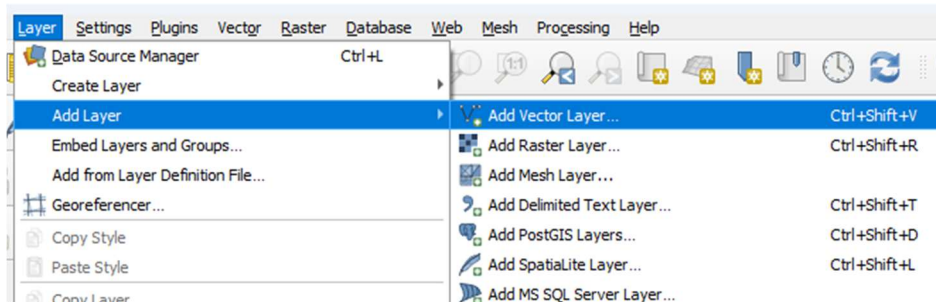


Step 12:- The map shown in the image will be displayed on the screen.

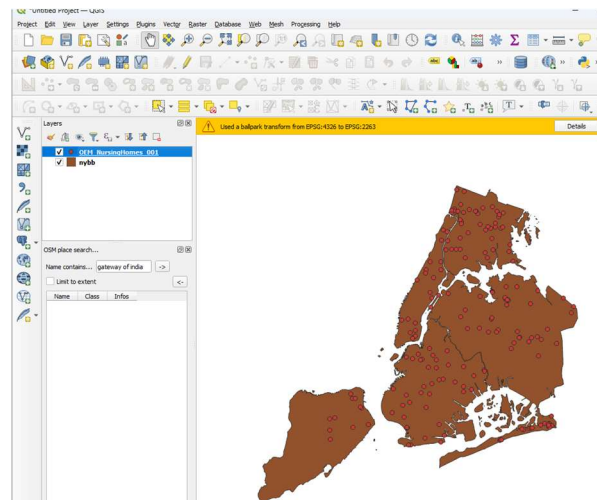


Practical 7B

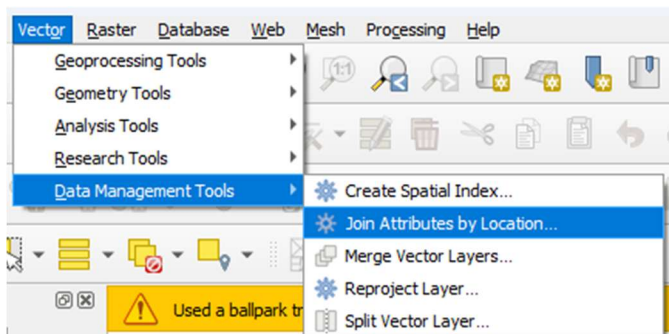
Step12:- Go to “Layer” >Add Vector layer >Select the appropriate file >click on add and close .



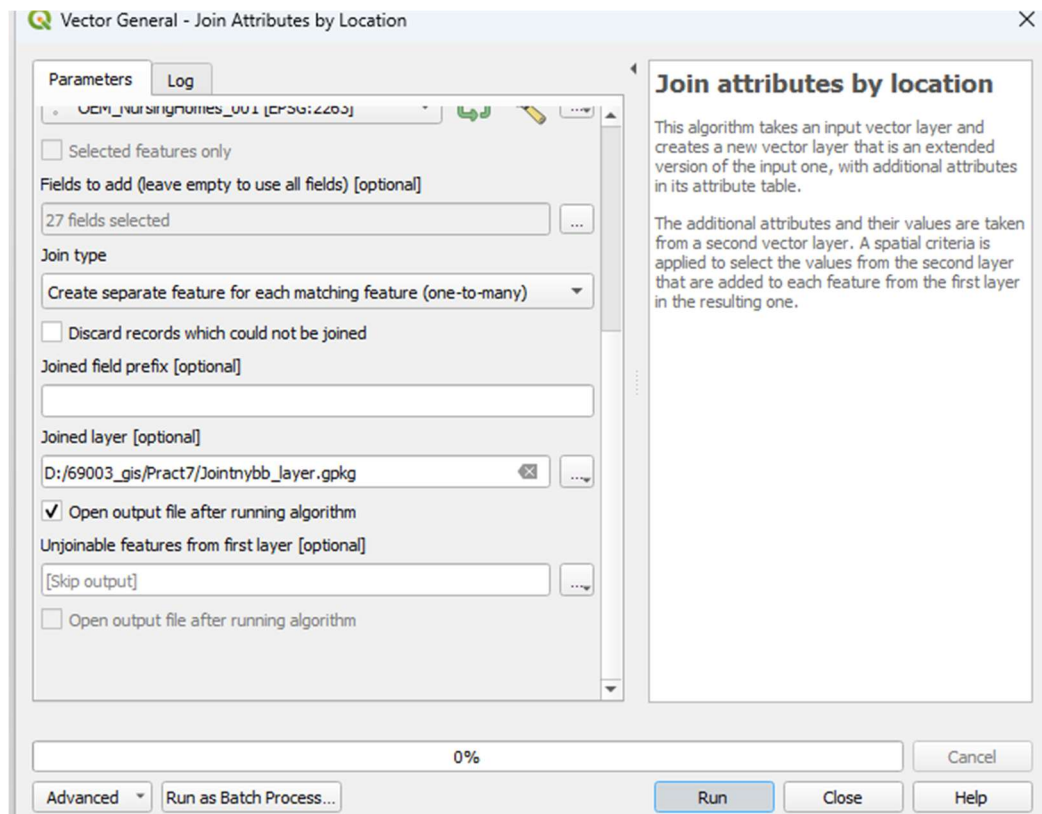
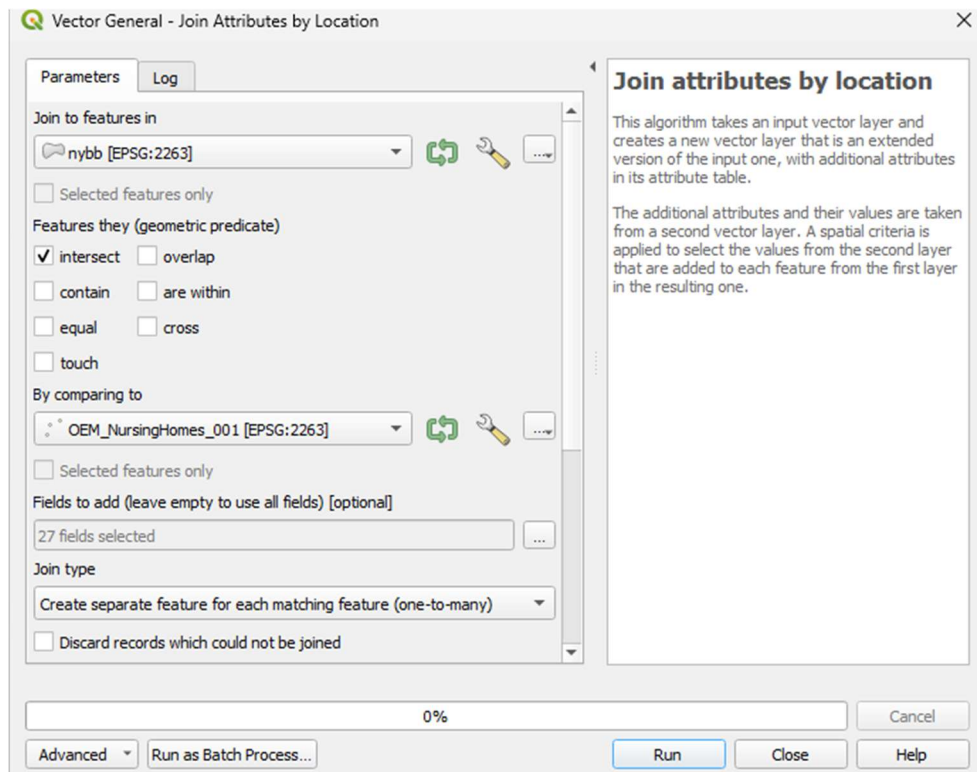
Step 13:- The map shown in the image will be displayed on the screen.



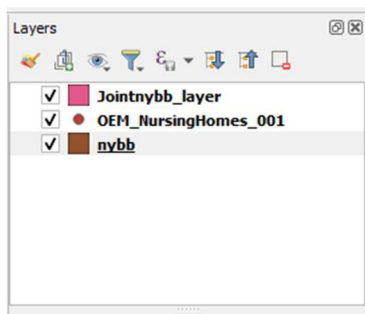
Step 14:- Go to “Vector” >Data Management Tools > Join Attribute by Location.



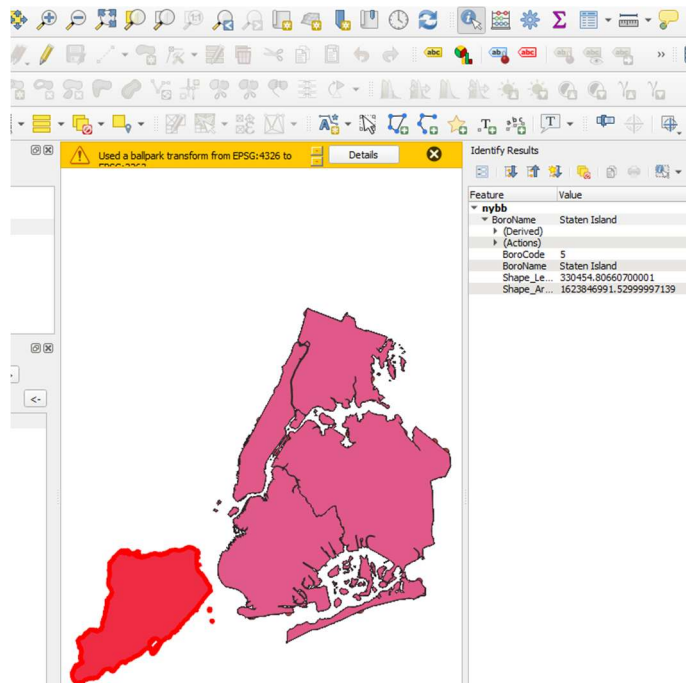
Step 15:- Select the options shown in the image > click on run and close



Step 16:- The “Jointnybb_layer” will get add to the “Layers”section.

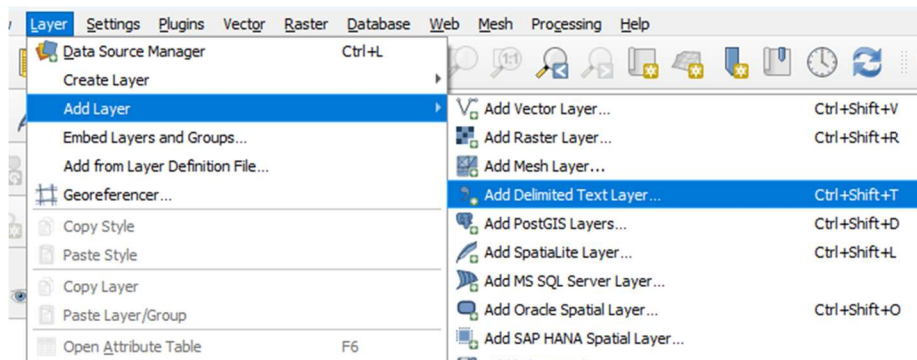


Step 17: The map shown in the image will be displayed on the screen.

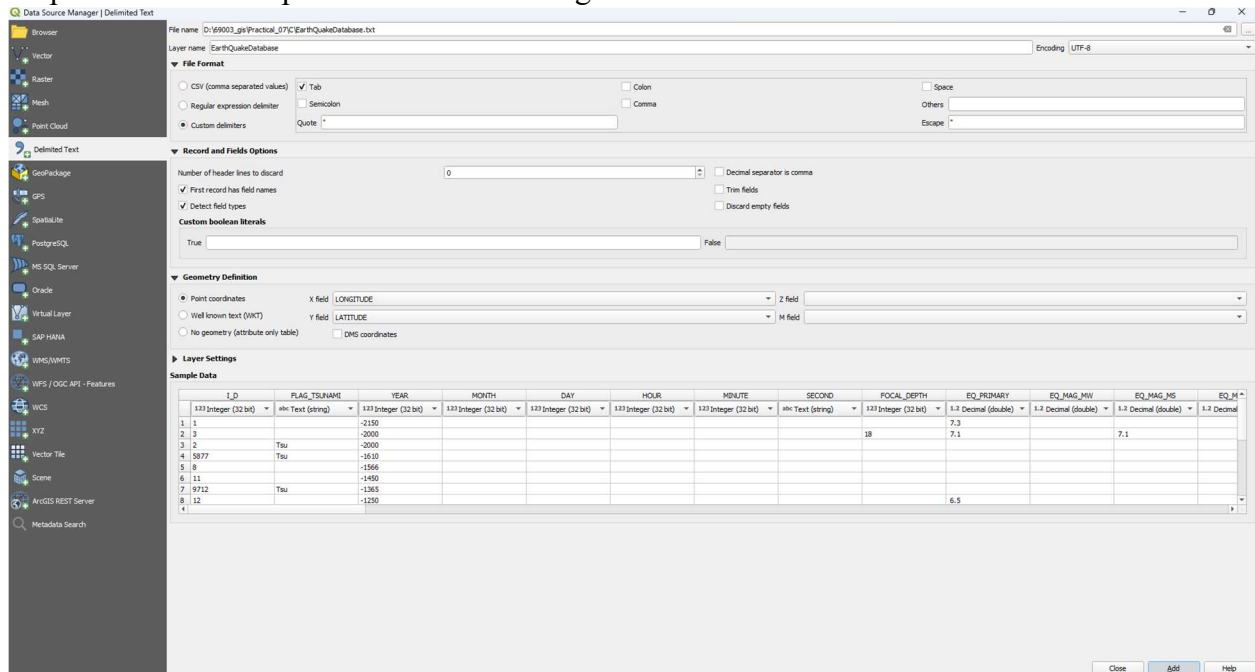


Practical 7c:-

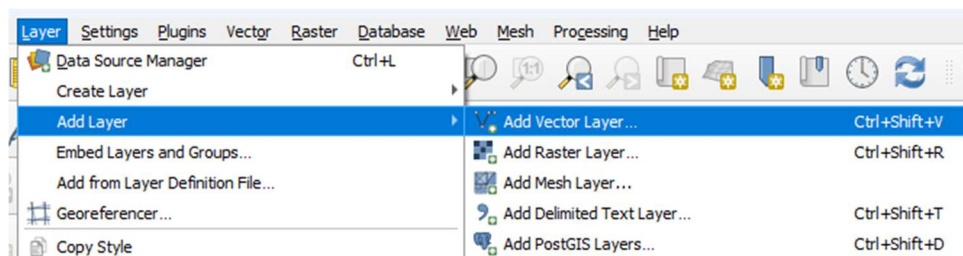
Step18:- Go to “Layer” >Add Delimited Text layer.



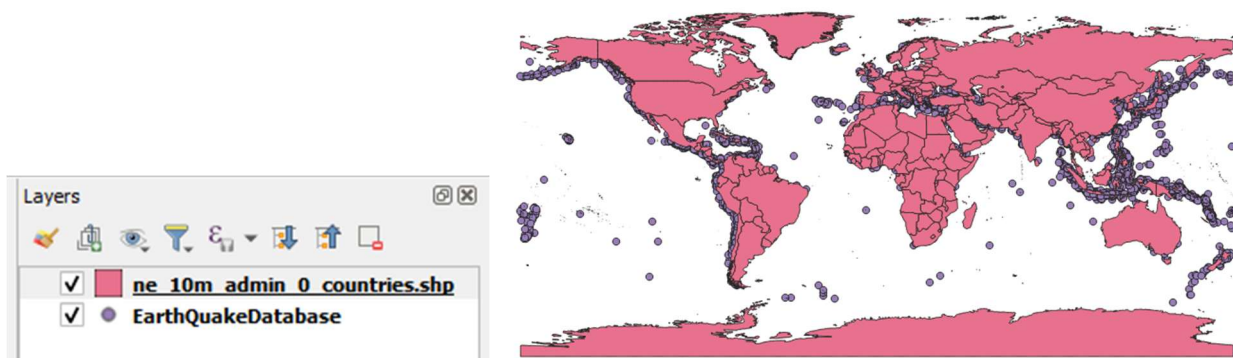
Step 19:- Select the option shown in the image > Click add and close.



Step 20:- Go to “Layer” >Add Vector layer.



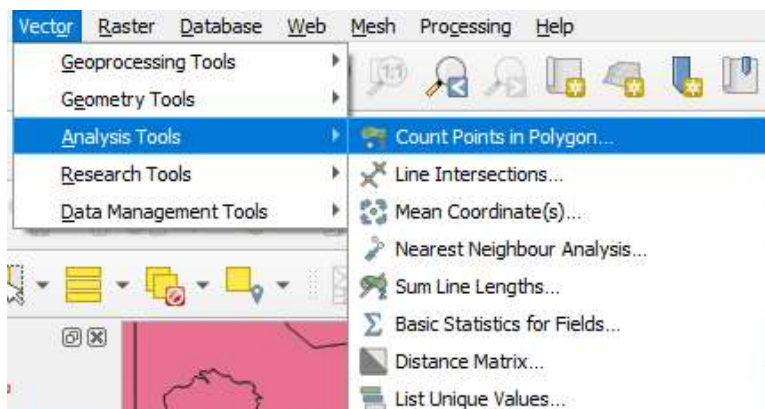
Step 21:- The map shown in the image will be displayed on the screen.



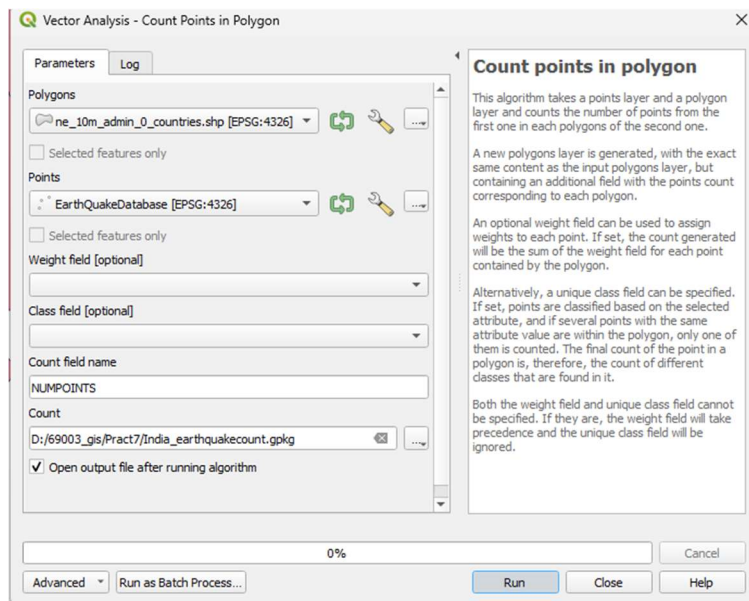
Step 22:- Zoom in on the location of India.



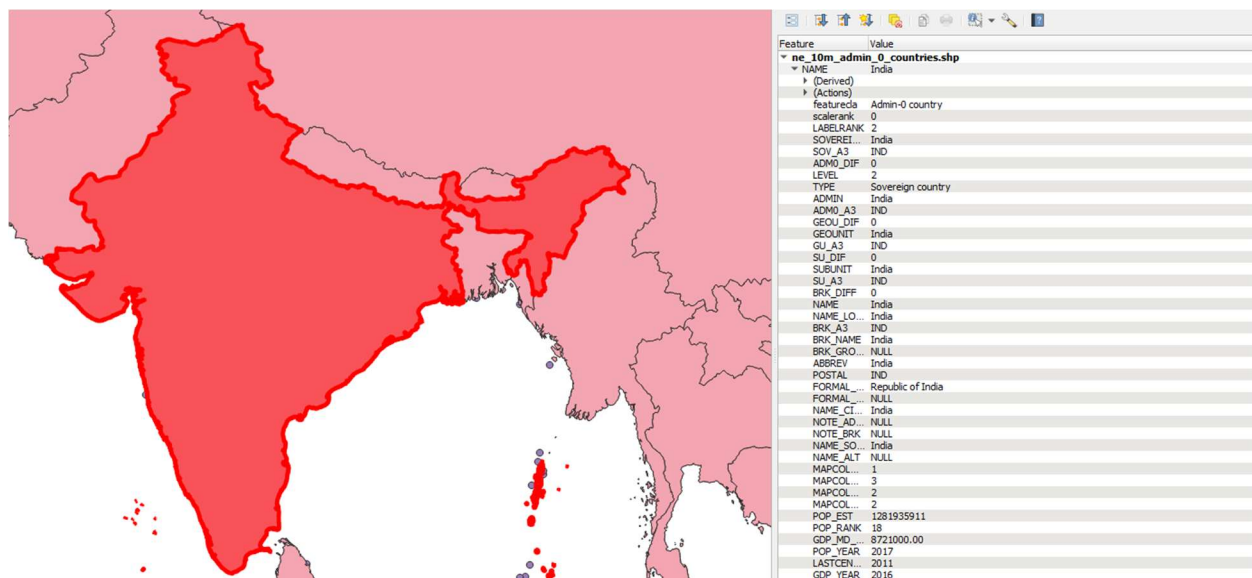
Step 23:-Go to “Vector” > Analysis tools >Count Point in Polygon



Step 24:- Select the option shown in the image > Click run and close.



Step 25:- This map shown in the image will be displayed on the screen.

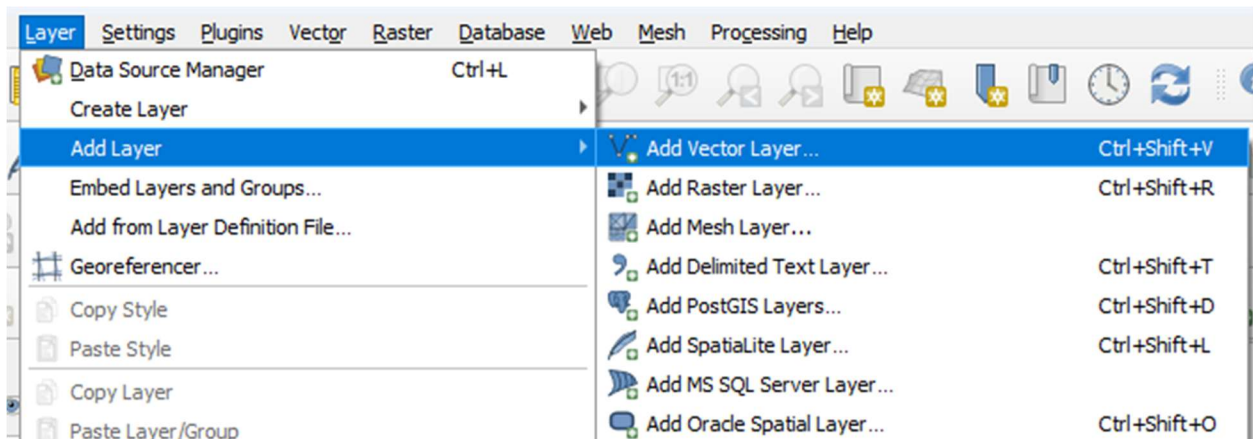


Step 26:- Different table in the Layers section will be integrated into a single table.

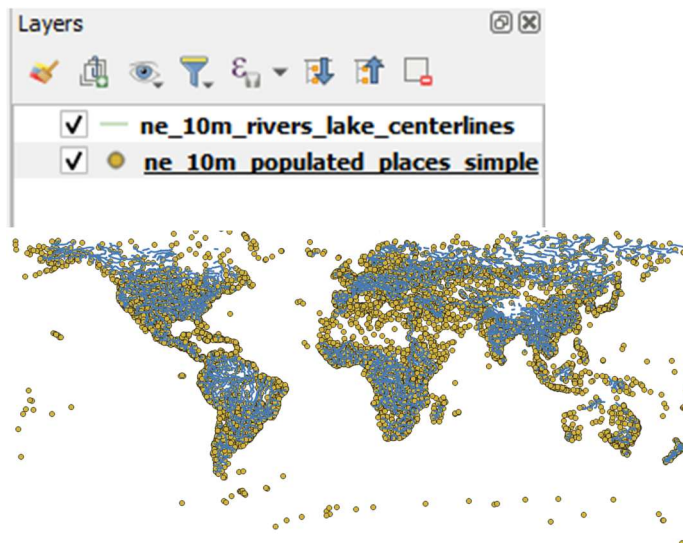
India_earthquakecount — Features Total: 255, Filtered: 255, Selected: 0									
	NAME_NL	NAME_PL	NAME_PT	NAME_RU	NAME_SV	NAME_TR	NAME_VI	NAME_ZH	NUMPOINTS
1	Indonesië	Indonezja	Indonésia	Индонезия	Indonesien	Endonezya	Indonesia	印度尼西亚	129
2	Maleisië	Malezja	Malásia	Малайзия	Malaysia	Malezya	Malaysia	马来西亚	1
3	Chili	Chile	Chile	Чили	Chile	Şili	Chile	智利	113
4	Bolivia	Boliwia	Bolívia	Боливия	Bolivia	Bolivya	Bolivia	玻利維亞	9
5	Peru	Peru	Peru	Перу	Peru	Peru	Peru	秘魯	111
6	Argentinië	Argentyna	Argentina	Аргентина	Argentina	Arjantin	Argentina	阿根廷	20
7	Dhekelia Cantonment	Dhekelia	Dekelia	Декелия	Dhekelia	Dhekelia Kantonu	Căn cứ quân sự Dhekelia	NULL	0
8	Cyprus	Cypr	Chipre	Кипр	Cypren	Kıbrıs Cumhuriyeti	Cộng hòa Síp	賽普勒斯	3
9	India	Indie	Índia	Индия	Indien	Hindistan	Ấn Độ	印度	70

Practical 7D:-

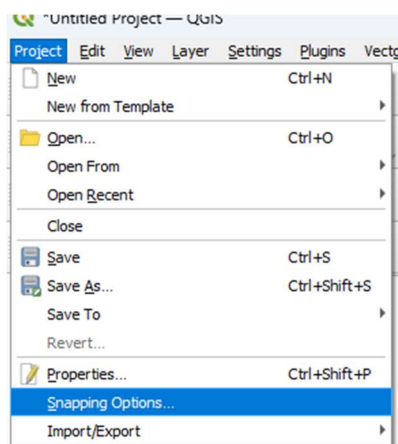
Step 27:- Go to “Layer” >Add Vector layer >Select the appropriate file >click on add and close.



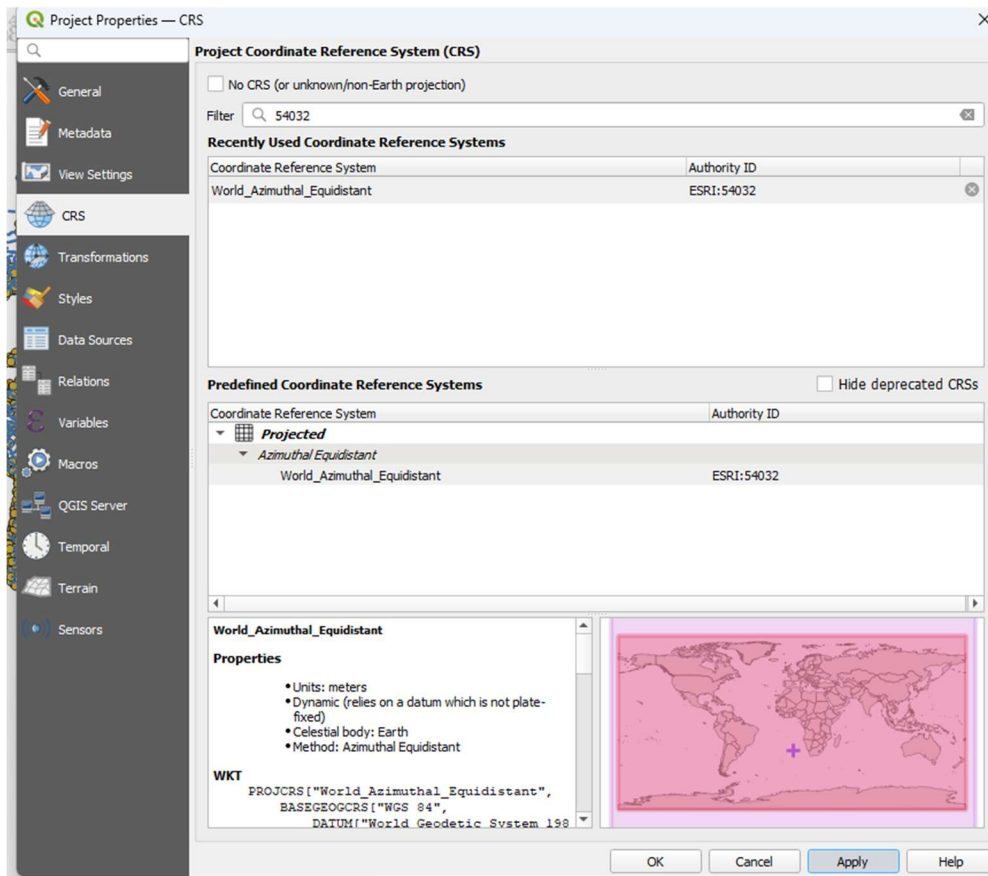
Step 28:- The map shown in the image will be displayed on the screen.



Step 29: Go to “project” section > Snapping Options.



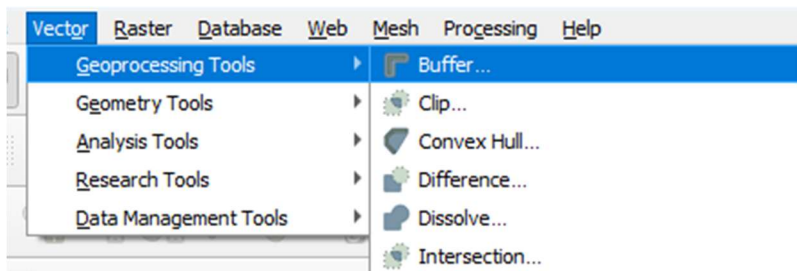
Step 30:- Go to “CRS” > Select the option shown in the image > Click apply and ok.



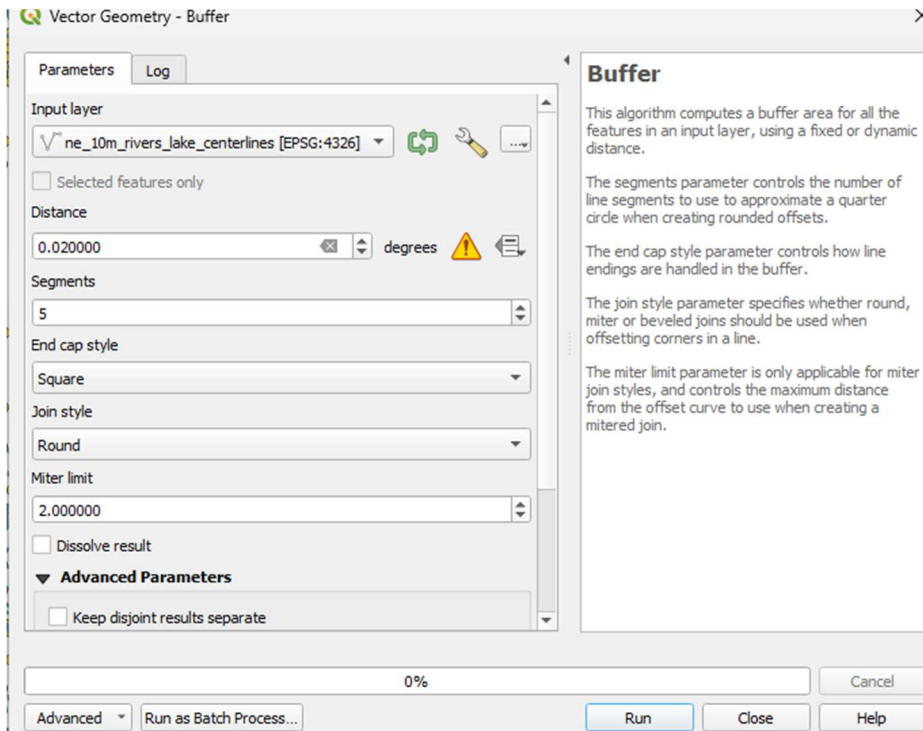
Step31:- The map shown in the image will be displayed on the screen.

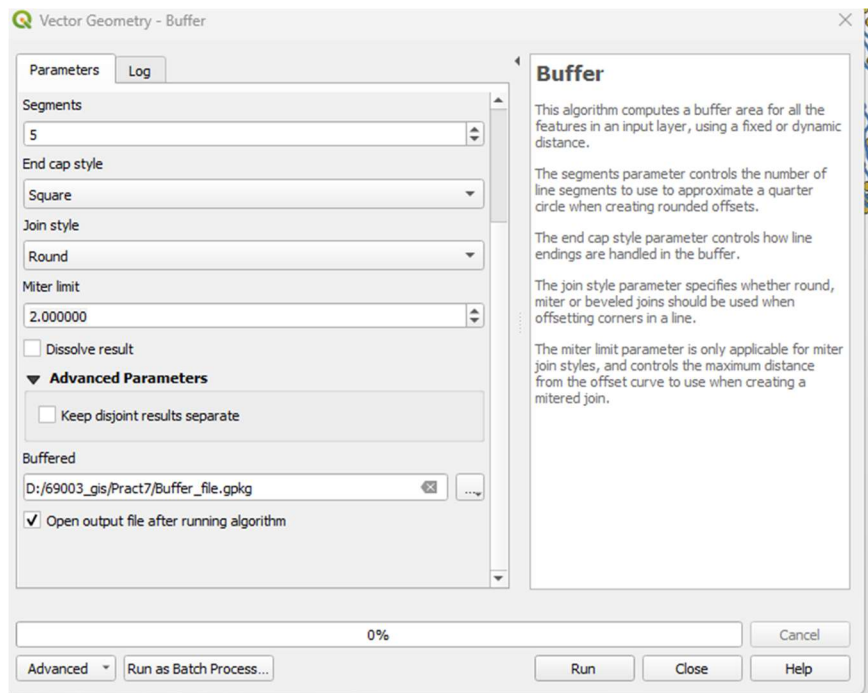


Step32:- Go to “vector” > Geoprocessing Tools > Buffer.

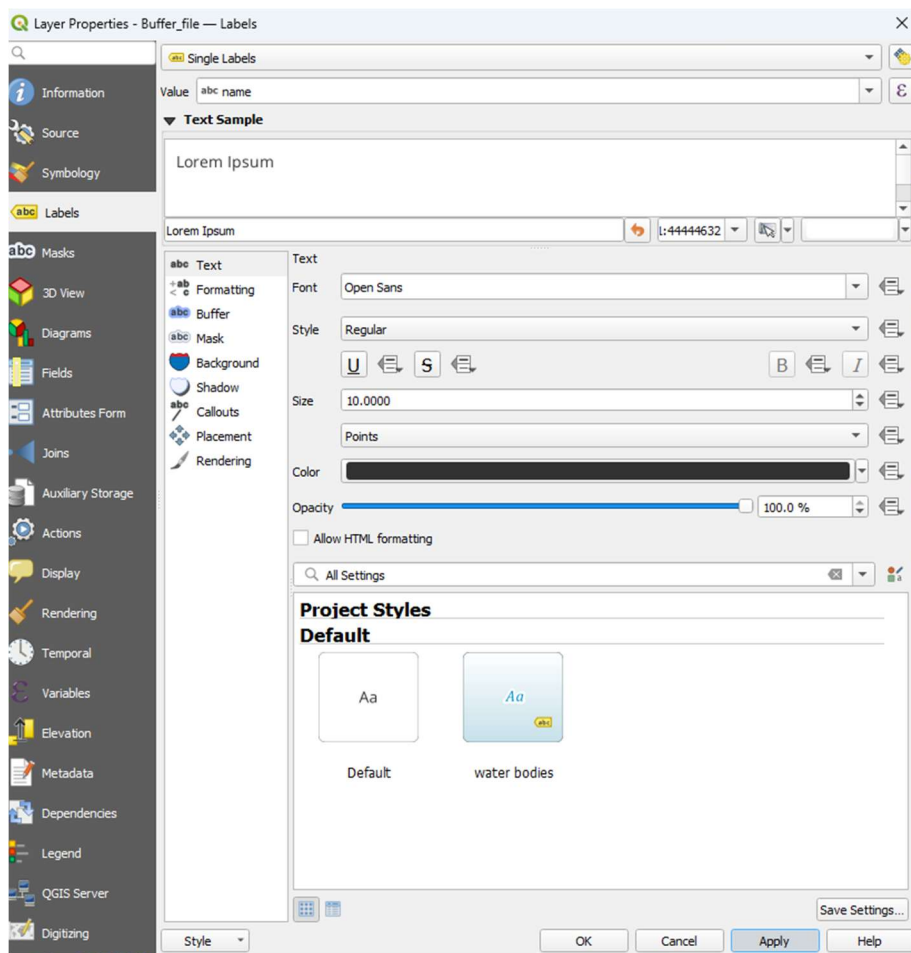


Step33:- Select the option shown in the image > Click run and close.

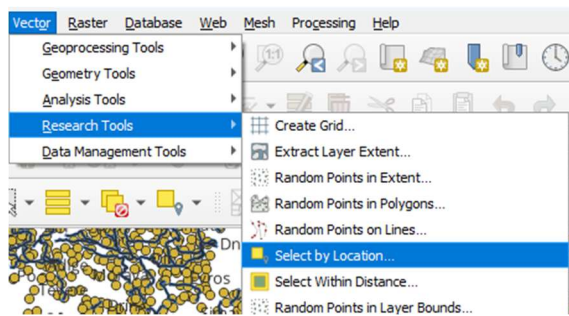




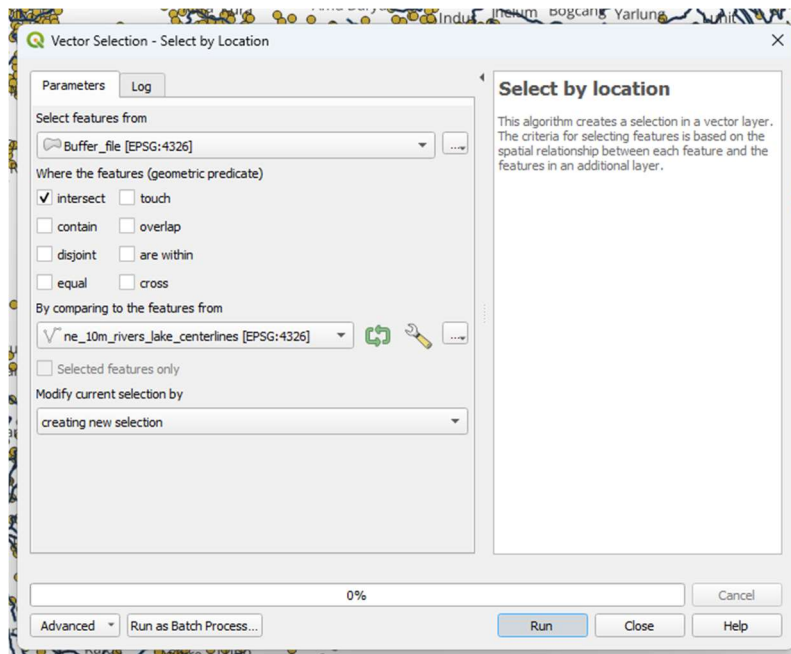
Step 36:- Go to Properties > Labels > Select the option shown in the image > Click apply and ok.



Step 37:- Go to “Vector” section >Research tools>Select by Location.



Step 38:- Select the options shown in the image > Click run and close.



Step 39:- The map shown in the image will be displayed on the screen.

