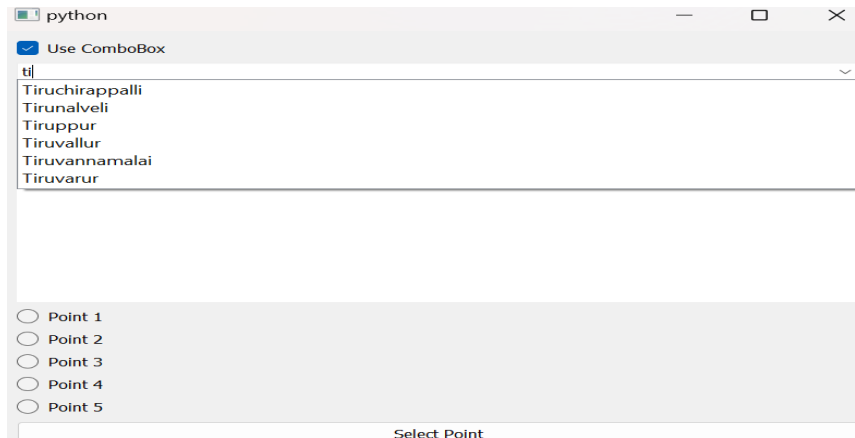


## OUTPUT SCREENSHOTS:

A dropdown menu from which users can select the city:

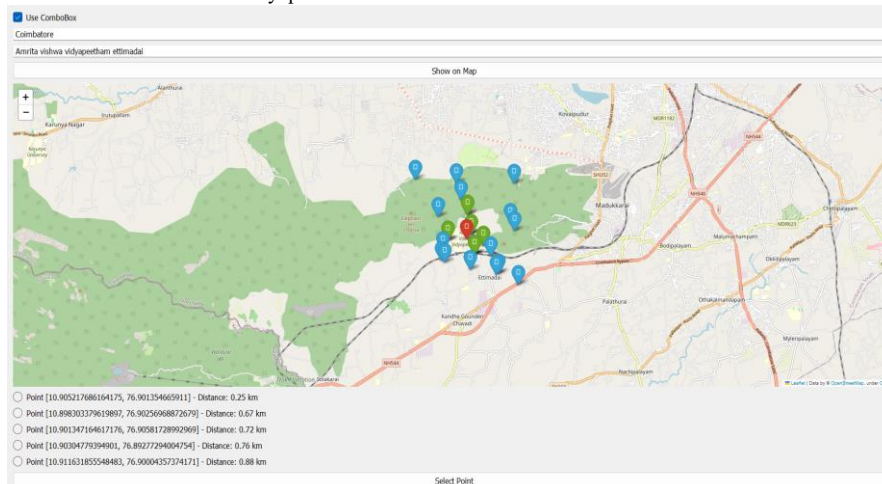


The screenshot shows a web application window titled "python". It features a "Use ComboBox" checkbox which is checked. Below it is a dropdown menu with the text "tij" and a list of cities: Tiruchirappalli, Tirunelveli, Tiruppur, Tiruvallur, Tiruvannamalai, and Tiruvarur. At the bottom, there are five radio buttons labeled "Point 1" through "Point 5", and a "Select Point" button.

Sample1:

City – Coimbatore

Location – Amrita Vishwa Vidyapeetham

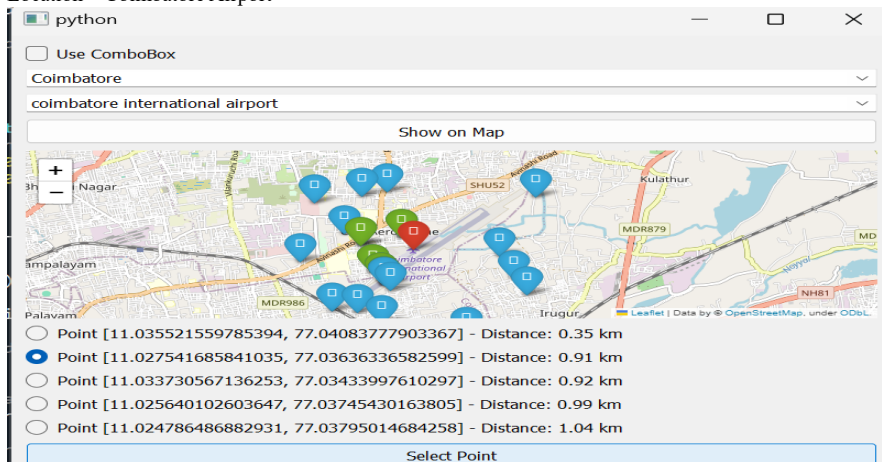


The screenshot shows a web application window titled "python". It features a "Use ComboBox" checkbox which is checked. Below it is a dropdown menu with the text "Coimbatore" and a list of locations: Amrita vishwa vidyapeetham ettimadai. A "Show on Map" button is visible. The map shows a green area with a red pin and several blue pins. Below the map, there are five radio buttons labeled "Point 1" through "Point 5", and a "Select Point" button.

Sample 2:

City – Coimbatore

Location – Coimbatore Airport



The screenshot shows a web application window titled "python". It features a "Use ComboBox" checkbox which is unchecked. Below it is a dropdown menu with the text "Coimbatore" and a list of locations: coimbatore international airport. A "Show on Map" button is visible. The map shows a red pin and several blue pins. Below the map, there are five radio buttons labeled "Point 1" through "Point 5", and a "Select Point" button.

Selected Point: [11.027541685841035, 77.03636336582599] - Distance: 0.91 km

### Note:

Red marker – Selected city

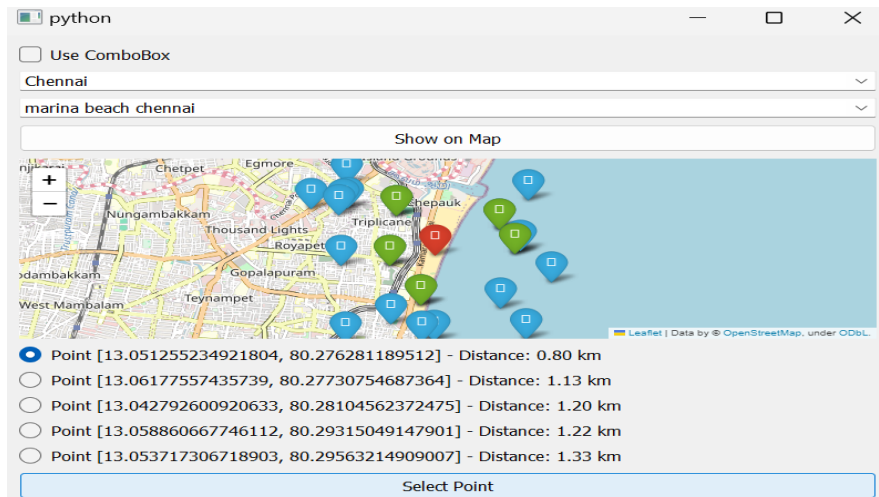
Blue points - random neighbours near the selected city

Green markers – top 5 nearest neighbours.

Sample 3:

City – Chennai

Location – Marina Beach

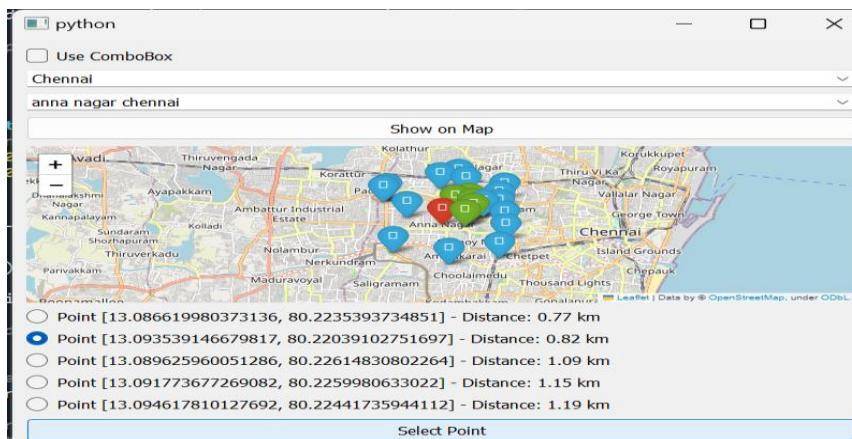


Selected Point: [13.051255234921804, 80.276281189512] - Distance: 0.80 km

Sample 4:

City – Chennai

Location – Anna Nagar

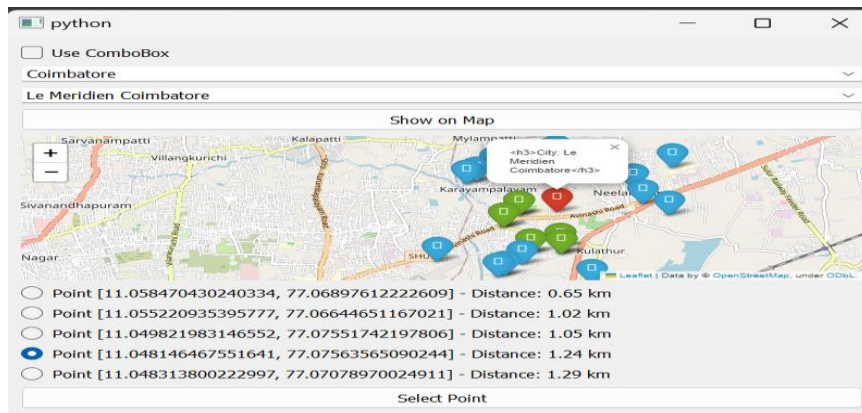


Selected Point: [13.093539146679817, 80.22039102751697] - Distance: 0.82 km

Sample 5:

City – Coimbatore

Location – Le Meridien



Selected Point: [11.048146467551641, 77.07563565090244] - Distance: 1.24

After selecting 5 places, it throws a discount.

[Indicating that users has availed services for 5 times]

Discount 1: You have selected points 5 times.

Console output:

[Refreshed points will be displayed every 30 seconds, as in real time, neighbours like cars will be in motion]

```
<h3>5 Nearest Points:</h3><ul><li><input type="radio" name="point" value="[10.90409766966694, 76.8961617141764]"> Point [10.90409766966694, 76.8961617141764] - Distance: 0.39 km</li><li><input type="radio" name="point" value="[10.900097629444927, 76.90080214299756]"> Point [10.900097629444927, 76.90080214299756] - Distance: 0.41 km</li><li><input type="radio" name="point" value="[10.898606954281247, 76.90127514443012]"> Point [10.898606954281247, 76.90127514443012] - Distance: 0.58 km</li><li><input type="radio" name="point" value="[10.896159883007243, 76.90812855955308]"> Point [10.896159883007243, 76.90812855955308] - Distance: 1.24 km</li><li><input type="radio" name="point" value="[10.904889556333455, 76.91263398417341]"> Point [10.904889556333455, 76.91263398417341] - Distance: 1.43 km</li></ul>
```