

Python

* Application 2 :- Create webmap with python & following webmap is a map that is displayed by the browser because it can be visited by the web.

- The base map

We need to use library called folium

To install folium type - pip install folium

- map = folium.Map(location = [50, 100])
map

map.save("map1.html")

- files = "mapbox bright"

files = "stamen Terrain"

Both types of basemaps, but mapbox bright doesn't work anymore, stamen terrain works great.

Import folium

map = folium.Map(location = [35.58, -99.09], zoom_start=10, files = "mapbox bright")

fg = folium.FeatureGroup(name = "my map")

fg.add_child(folium.Marker(location = [38.2, -99.1],

popup = "Hi I am a marker", icon = folium.Icon(color = "green"))

map.add_child(fg)

map.save("map1.html")

- Adding multiple point

for coordinates in [[38.2, -99.1], [99.2, -97.1]];

- We can use HTML in the popup window

- Colour point

def color = producer (elevation):

if elevation < 1000:

return 'green'

elif 1000 < elevation < 3000

else return 'orange'

- Add & style point!
we can use `div (folium)` to ~~look~~ for possible methods
of creating circle markers
- learn about population map.