```
In [1]: pip install geopy
```

```
Collecting geopyNote: you may need to restart the kernel to use updated packages.

  Obtaining dependency information for geopy from https://files.pythonhosted.org/package
s/e1/58/9289c6a03116025cdb61461d99b2493daa4967a80b13755463d71a0affeb/geopy-2.4.0-py3-non
e-any.whl.metadata
  Downloading geopy-2.4.0-py3-none-any.whl.metadata (6.8 kB)
Collecting geographiclib<3,>=1.52 (from geopy)
  Downloading geographiclib-2.0-py3-none-any.whl (40 kB)
     ---------------------------------------- 0.0/40.3 kB ? eta -:--:--
     ---------------------------- --------- 30.7/40.3 kB ? eta -:--:--
     ---------------------------------------- 40.3/40.3 kB 970.5 kB/s eta 0:00:00
Downloading geopy-2.4.0-py3-none-any.whl (125 kB)
     ---------------------------------------- 0.0/125.4 kB ? eta -:--:--
     ---------------------------- ---------- 92.2/125.4 kB 2.6 MB/s eta 0:00:01
     ---------------------------------------- 125.4/125.4 kB 1.9 MB/s eta 0:00:00
Installing collected packages: geographiclib, geopy
Successfully installed geographiclib-2.0 geopy-2.4.0
[notice] A new release of pip is available: 23.2.1 -> 23.3.1
[notice] To update, run: python.exe -m pip install --upgrade pip
```

```
In [2]: from geopy.grocoders import Nominatim
```

```
---------------------------------------------------------------------------
ModuleNotFoundError                       Traceback (most recent call last)
Cell In[2], line 1
----> 1 from geopy.grocoders import Nominatim

ModuleNotFoundError: No module named 'geopy.grocoders'
```

```
In [3]: from geopy.geocoders import Nominatim
```

```
In [4]: geolocator = Nominatim(user_agent="geoExercises")
```

```
In [6]: print("The latitude of the location is:",location.latitude)
        print("The longitude of the location is: ",location.longitude)
```

```
The latitude of the location is: 18.760583
The longitude of the location is:  73.3821481
```

```
In [15]: location = geolocator.geocode("AISSMS, Pune")
```

```
In [8]: pip install folium
```

Loading [MathJax]/extensions/Safe.js

```
Collecting folium
  Downloading folium-0.14.0-py2.py3-none-any.whl (102 kB)
      ---------------------------------------- 0.0/102.3 kB ? eta -:--:--
      --------------- --------------------- 41.0/102.3 kB ? eta -:--:--
      ------------------------------------- 102.3/102.3 kB 1.2 MB/s eta 0:00:00
Collecting branca>=0.6.0 (from folium)
  Downloading branca-0.6.0-py3-none-any.whl (24 kB)
Requirement already satisfied: jinja2>=2.9 in c:\users\vaishanavi\onedrive\documents\pyt
hon\lib\site-packages (from folium) (3.1.2)
Requirement already satisfied: numpy in c:\users\vaishanavi\appdata\roaming\python\pytho
n311\site-packages (from folium) (1.25.2)
Requirement already satisfied: requests in c:\users\vaishanavi\onedrive\documents\python
\lib\site-packages (from folium) (2.31.0)
Requirement already satisfied: MarkupSafe>=2.0 in c:\users\vaishanavi\onedrive\documents
\python\lib\site-packages (from jinja2>=2.9->folium) (2.1.1)
Requirement already satisfied: charset-normalizer<4,>=2 in c:\users\vaishanavi\onedrive
\documents\python\lib\site-packages (from requests->folium) (2.0.4)
Requirement already satisfied: idna<4,>=2.5 in c:\users\vaishanavi\onedrive\documents\py
thon\lib\site-packages (from requests->folium) (3.4)
Requirement already satisfied: urllib3<3,>=1.21.1 in c:\users\vaishanavi\appdata\roaming
\python\python311\site-packages (from requests->folium) (1.26.16)
Requirement already satisfied: certifi>=2017.4.17 in c:\users\vaishanavi\onedrive\docume
nts\python\lib\site-packages (from requests->folium) (2023.7.22)
Installing collected packages: branca, folium
Successfully installed branca-0.6.0 folium-0.14.0
Note: you may need to restart the kernel to use updated packages.
```

```
[notice] A new release of pip is available: 23.2.1 -> 23.3.1
[notice] To update, run: python.exe -m pip install --upgrade pip
```

In [9]:
```python
import folium
```

In [10]:
```python
map = folium.Map(location=[18.760583,73.3821481], zoom_start=13)
```

In [11]:
```python
point = [18.760583, 73.3821481]
mylocation = folium.Marker(point, popup='My City', icon=folium.Icon()).add_to(map)
```

In [13]:
```python
mylocation.save("mylocation.html")
```

In [ ]:

In [ ]:

In [ ]:

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