In [3]:
```python
import requests
```

In [7]:
```python
r = requests.get("https://maps.googleapis.com/maps/api/place/findplacef
romtext/json?input=Museum%20of%20Contemporary%20Art%20Australia&inputty
pe=textquery&fields=photos,formatted_address,name,rating,opening_hours,
geometry&key=AIzaSyArVS9-PEcAjocuZy7aUWApsD3_loo-5g0"
)

open('sample.json', 'wb').write(r.content)
```

Out[7]: 1317

In [9]:
```python
library = ['O.', 'Meredith', 'Wilson', 'Library']  ##This is what I wil
l try to find
```

In [10]:
```python
library
```

Out[10]: ['O.', 'Meredith', 'Wilson', 'Library']

In [11]:
```python
sep = "%20"
```

In [12]:
```python
inp = sep.join(library)
```

In [13]:
```python
inp
```

Out[13]: 'O.%20Meredith%20Wilson%20Library'

In [29]:
```python
key = "AIzaSyArVS9-PEcAjocuZy7aUWApsD3_loo-5g0"  ##first using the find
place from text

r = requests.get("https://maps.googleapis.com/maps/api/place/findplacef
romtext/json?input=" + inp + "&inputtype=textquery&key=" + key)

r.content
```

Out[29]: b'{\n   "candidates" : [\n   {\n   "place_id" : "ChIJS_44o0E
ts1IRrVGaAtTsTPA"\n   }\n   ],\n   "status" : "OK"\n}\n'

In [32]:
```python
sep2 = "+"
```

In [33]:
```python
inp2 = sep2.join(library)
```

In [34]:
```python
key = "AIzaSyArVS9-PEcAjocuZy7aUWApsD3_loo-5g0" ##next doing a textsearch.

r = requests.get("https://maps.googleapis.com/maps/api/place/textsearch/json?input=" + inp2 + "&key=" + key)

r.content
```

Out[34]:
b'{\n   "html_attributions" : [],\n   "results" : [\n   {\n   "business_status" : "OPERATIONAL",\n   "formatted_address" : "309 19th Ave S, Minneapolis, MN 55455, United States",\n   "geometry" : {\n   "location" : {\n   "lat" : 44.9709073,\n   "lng" : -93.24349169999999\n   },\n   "viewport" : {\n   "northeast" : {\n   "lat" : 44.97179177989273,\n   "lng" : -93.24195402010729\n   },\n   "southwest" : {\n   "lat" : 44.96909212010728,\n   "lng" : -93.24465367989272\n   }\n   }\n   },\n   "icon" : "https://maps.gstatic.com/mapfiles/place_api/icons/v1/png_71/library-71.png",\n   "name" : "O. Meredith Wilson Library",\n   "opening_hours" : {},\n   "photos" : [\n   {\n   "height" : 1366,\n   "html_attributions" : [\n   "\\u003ca href=\\"https://maps.google.com/maps/contrib/102856734615321129920\\"\\u003eO. Meredith Wilson Library\\u003c/a\\u003e"\n   ],\n   "photo_reference" : "ATtYBwLocdZ-_Fyt_mO4Qu7ZhPBTA2qUPLgTCXN3xlEBLlrsT0g-F2S6JQJuHr_kP--rdwkFqTUo9bMPTkhjeVjlHZ6g-J66rT4rzFs5YexCcJJbs7FEebrdLRPriWM7lQdh1Q4gp0pVsaBDiMiJS49smZ8Cq3gakxMJpQQh-wEUEa7OKi7Y",\n   "width" : 2048\n   }\n   ],\n   "place_id" : "ChIJS_44o0Ets1IRrVGaAtTsTPA",\n   "plus_code" : {\n   "compound_code" : "XQC4+9J Minneapolis, Minnesota",\n   "global_code" : "86P8XQC4+9J"\n   },\n   "rating" : 4.6,\n   "reference" : "ChIJS_44o0Ets1IRrVGaAtTsTPA",\n   "types" : ["library", "university", "point_of_interest", "establishment"],\n   "user_ratings_total" : 23\n   }\n   ],\n   "status" : "OK"\n}\n'

In [35]:
```python
open("sample2.json", "wb").write(r.content)
```

Out[35]: 1808

In [ ]: