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## Lab2. Querying user's connection using Facebook using the Graph API and retrieving feed and engagement

### step 1

In [4]: ACCESS\_TOKEN = "EAARyNABKCWgBAM5XHh2rLF764ydVi3zq4ESbrybTV0lBG3gnPvjATHf1ZC63bEFPYcbIVfDvPZCNJ6KMnSj65k03LXeX

In [5]: !pip install facebook-sdk

Requirement already satisfied: facebook-sdk in c:\users\sweth\downloads\nlp\lib\site-packages (3.1.0)  
Requirement already satisfied: requests in c:\users\sweth\downloads\nlp\lib\site-packages (from facebook-sdk) (2.28.1)  
Requirement already satisfied: idna<4,>=2.5 in c:\users\sweth\downloads\nlp\lib\site-packages (from requests->facebook-sdk) (3.3)  
Requirement already satisfied: urllib3<1.27,>=1.21.1 in c:\users\sweth\downloads\nlp\lib\site-packages (from requests->facebook-sdk) (1.26.11)  
Requirement already satisfied: charset-normalizer<3,>=2 in c:\users\sweth\downloads\nlp\lib\site-packages (from requests->facebook-sdk) (2.0.4)  
Requirement already satisfied: certifi>=2017.4.17 in c:\users\sweth\downloads\nlp\lib\site-packages (from requests->facebook-sdk) (2022.9.14)

## step 2

```
In [6]: import facebook
import urllib3
import requests
import json
```

## step 3

```
In [7]: def pp(o):
        print(json.dumps(o, indent=1))
g=facebook.GraphAPI(ACCESS_TOKEN, version='2.10')
pp(g.get_object('me'))

{
  "name": "Phoebe Green",
  "id": "107101049127221"
}
```

## step 4: Get the user's connection names - likes, friends, feed, groups

```
In [8]: pp(g.get_connections(id = 'me', connection_name='likes'))

{
  "data": []
}
```

```
In [9]: pp(g.get_connections(id = 'me', connection_name='friends'))

{
  "data": []
}
```

```
In [10]: pp(g.get_connections(id = 'me', connection_name='feed'))
```

```
{  
  "data": []  
}
```

```
In [11]: pp(g.get_connections(id = 'me', connection_name='groups'))
```

```
{  
  "data": []  
}
```

## step 5: Get information about a feed in your facebook post

```
In [12]: pp(g.get_connections(id = 'me', connection_name='feed'))
```

```
{  
  "data": []  
}
```

## step 6: Get the metric towards engagement of connections towards your Facebook

```
In [13]: pp(g.get_connections(id = 'me', connection_name='posts'))
```

```
{  
  "data": []  
}
```