

In [1]:

```
from selenium import webdriver
from bs4 import BeautifulSoup
import time
import requests as rq
from selenium.webdriver import ActionChains
```

In [2]:

```
nooflikes = 2
person = 'dilsefoodie'
```

In [3]:

```
driver = webdriver.Chrome('./chromedriver.exe')
driver.maximize_window()
```

In [4]:

```
driver.get('https://www.instagram.com/accounts/login/?source=auth_switcher')
```

In [5]:

```
time.sleep(4)
inputs = driver.find_elements_by_tag_name('input')
inputs[0].send_keys('username')
inputs[1].send_keys('password')
```

In [6]:

```
time.sleep(1)
login_button = driver.find_elements_by_tag_name('button')
login_button[1].click()
```

In [7]:

```
time.sleep(2)
button = driver.find_elements_by_xpath('/html/body/div[3]/div/div/div[3]/button[2]')
button[0].click()
```

In [8]:

```
content = driver.find_element_by_xpath('/html/body/span/section/nav/div[2]/div/div/div[2]/i')
content.send_keys('food')
```

In [9]:

```
time.sleep(2)
data = driver.find_elements_by_class_name('Ap253')
for i in data:
    if i.text[0]!='#':
        print(i.text)
```

The Food Bar
foodys
Rasi Food
foodtalkindia
curiousfoodieswanderlust
destinywithfood
dilsefoodie
Food Street Fiesta Coimbatore
food.darzee
food
hyderabad.food.diaries
bornfoodiehyderabad
apronovercape
_foodie_minded_
foodies_tezpur
utkarshbansal
foodmad99
food_feast_01
forever_a_foodiee
foodie_dil_se
food__vampire
foodyfetish
food__burst
thehydfoodblog
food_needed
may.oishii
foodiesince96
foodgod
foodraveller_1122
foodandbikes
foodiegram.in
foodie_nuts
food_fanatic_jaipur
aamir_foodietraveler
foodrad
thefood_court_alwal
foodee_ambient_hyd
foodandkhan
foodcomics_
foodblogofhyd
farhasfoodfusion7
foodieswagg
foodkhalifa
hyderabadfoodiegirl
thecrazy_foodie
foodyzdiy
foodiee_biker_rs200
urbanchekpoints
sweta_the_food_fanatic
yourfoodlab
foodyy_moody
foodpremi26
foodfast__

```
obsessive.food.disorder
foodtrails_hyderabad
foodengineeringg
junk.food
fflpeople
foodieshots_hyd
foodcookery
dont_share_food_08
borntotastefood
chaibasketfood
foodypost.s
hyderabad.foodie.crush
foodishah
foodholic_suraties
foodie_hyderabad_india29
foodpandaIndia
fudes_
full_on_food
ghumakkaddog
foodhallindia
tastydrips
foodie.amy6
foodloversmumbai
nom.nom.foodie
ibratdoesntsharefood
twifoo
bangalore_foodjunkies
khaane_ke_deewane
thisisinsiderfood
foodlty
the_foodie_amigos
foodaholix_blog
buzzfeedfood
gujarati_foodie
shoestring_foodies
videotutorialss
food_emiire
foodiee_tales
foodyeating
indianfoodieshub
foodshabit
foodonautss
foodrush.recipe
```

In [10]:

```
content.clear()
time.sleep(1)
content.send_keys('So Delhi')
time.sleep(1)
data = driver.find_element_by_class_name('Ap253')
data.click()
```

In [11]:

```

time.sleep(2)
button = driver.find_element_by_xpath('/html/body/span/section/main/div/header/section/div[
button.click()
print('following')
time.sleep(2)
button.click()
time.sleep(2)
button = driver.find_element_by_xpath('/html/body/div[3]/div/div/div[3]/button[1]')
button.click()
print('unfollowing')

```

following
unfollowing

In [12]:

```

content = driver.find_element_by_xpath('/html/body/span/section/nav/div[2]/div/div/div[2]/i
content.send_keys(person)
time.sleep(1)
data = driver.find_element_by_class_name('Ap253')
data.click()

```

In [13]:

```

time.sleep(1)
content = driver.find_element_by_class_name('_9AhH0')
content.click()

```

In [14]:

```

#button = driver.find_element_by_xpath('/html/body/div[3]/div[2]/div/article/div[2]/section
#button.click()
#/html/body/div[3]/div[1]/div/div/a
time.sleep(1)
for i in range(nooflikes):
    time.sleep(1)
    button = driver.find_element_by_xpath('/html/body/div[3]/div[2]/div/article/div[2]/sect

    button.click()
    print('liked')
    time.sleep(1)
    j=1
    if i+1>1:
        number = "[2]"
    else:
        number=""
    print(number)
    button = driver.find_element_by_xpath('/html/body/div[3]/div[1]/div/div/a'+number)
    button.click()

```

liked

liked
[2]

In [15]:

```

#button = driver.find_element_by_xpath('/html/body/div[3]/div[2]/div/article/div[2]/section
#button.click()
#/html/body/div[3]/div[1]/div/div/a
button = driver.find_element_by_xpath('/html/body/div[3]/button[1]')
button.click()

time.sleep(1)
content = driver.find_element_by_class_name('_9AhH0')
content.click()

for i in range(nooflikes):
    time.sleep(1)
    button = driver.find_element_by_xpath('/html/body/div[3]/div[2]/div/article/div[2]/sect

    button.click()
    print('unliked')
    time.sleep(1)
    j=1
    if i+1>1:
        number = "[2]"
    else:
        number=""
    print(number)
    button = driver.find_element_by_xpath('/html/body/div[3]/div[1]/div/div/a'+number)
    button.click()

button = driver.find_element_by_xpath('/html/body/div[3]/button[1]')
button.click()

```

unliked

unliked

[2]

In [16]:

```

content = driver.find_element_by_xpath('/html/body/span/section/nav/div[2]/div/div/div[2]/i
content.send_keys('coding.ninjas')
time.sleep(2)
data = driver.find_element_by_class_name('Ap253')
data.click()
time.sleep(2)

```

In [17]:

```
#### getting story of coding ninjast
time.sleep(2)
content = driver.find_element_by_xpath('/html/body/span/section/main/div/header/div/div/car
time.sleep(1)
data = content.get_attribute('outerHTML')
data = data[data.find('height')+8:]
index = data.find('height')
if data[index+8:index+11]=='166':
    print('story is present')
    content = driver.find_element_by_xpath('/html/body/span/section/main/div/header/div/div
    content.click()
else:
    print('story is not present')
```

story is present

In [19]:

```
content = driver.find_element_by_xpath('/html/body/span/section/nav/div[2]/div/div/div[2]/i
content.send_keys('foodtalkindia')
time.sleep(2)
data = driver.find_element_by_class_name('Ap253')
data.click()
time.sleep(2)
```

In [28]:

```
import time
from selenium.webdriver.common.keys import Keys
content = driver.find_element_by_xpath('/html/body/span/section/main/div/header/section/ul/
content.click()
```

In [31]:

```

max=500
time.sleep(2)
followersList = driver.find_element_by_xpath('//div[@role="dialog"]/div[2]/ul/div')
numberOfFollowersInList = len(followersList.find_elements_by_css_selector('li'))
followersList.click()
actionChain = webdriver.ActionChains(driver)
while (numberOfFollowersInList < max):
    actionChain.key_down(Keys.SPACE).key_up(Keys.SPACE).perform()
    time.sleep(20)
    numberOfFollowersInList = len(followersList.find_elements_by_css_selector('li'))
    print(numberOfFollowersInList)
followers = []
for user in followersList.find_elements_by_css_selector('li'):
    userLink = user.find_element_by_css_selector('a').get_attribute('href')
    #print(userLink)
    followers.append(userLink)
    if (len(followers) == max):
        break
print(followers)

```

24

36

```

['https://www.instagram.com/karanthakur00966/', 'https://www.instagram.com/food_mumbai/', 'https://www.instagram.com/shivali825/', 'https://www.instagram.com/iffets_prabhu/', 'https://www.instagram.com/shealkhan97/', 'https://www.instagram.com/sruthi_hk/', 'https://www.instagram.com/st_ar_du_st/', 'https://www.instagram.com/rishiyadav0/', 'https://www.instagram.com/kamlesh.malviya.92/', 'https://www.instagram.com/prakashwarekar/', 'https://www.instagram.com/a_n_n_y_a_28/', 'https://www.instagram.com/subhashishmitra/', 'https://www.instagram.com/agarwalmedha/', 'https://www.instagram.com/arifkhan.music/', 'https://www.instagram.com/sillent_words_', 'https://www.instagram.com/taste.revolution/', 'https://www.instagram.com/harshadn/', 'https://www.instagram.com/its_me_shahzad/', 'https://www.instagram.com/ajeet6189/', 'https://www.instagram.com/sanketbhau_bhalerao/', 'https://www.instagram.com/grub.grade/', 'https://www.instagram.com/vaja_gaurav_v_g_offical_786/', 'https://www.instagram.com/dubai_98100/', 'https://www.instagram.com/surg_amey/', 'https://www.instagram.com/sultans_kitchen_lucknow/', 'https://www.instagram.com/abpaul2019/', 'https://www.instagram.com/winged_wanderer_001/', 'https://www.instagram.com/simar_shah/', 'https://www.instagram.com/gaurav_gurjar_0061/', 'https://www.instagram.com/sachinp12/']

```