

# Insta Bot-1

## Question 1

- From selenium module import webdriver, WebdriverWait, NoSuchElementException, By, keys and Expected Conditions and import time module.
- Creating instance of the webdriver as driver .
- Using driver.get(" ") to make a call to site [www.instagram.com](http://www.instagram.com)
- Finding the element name the username search box.  
Name of the username search box is username.
- Sending username of person by using driver.send\_keys.
- Finding the element name the password search box.  
Name of the password search box is password.
- Sending password by using driver.send\_keys.
- Finding the xpath of the submit button and storing it as login.
- Click submit button by click() method.

## Question 2

- Searching food in search box.
- Selecting the search box by finding the xpath of the search box.
- Accessing the the xpath by driver. `find_element_by_xpath` and stoing this as `search_box`.
- Typing food in search box by using `.send_keys()` method the to type (“food”) in search box.
- Accessing every handle we get after typing food in search box,
- All containers have same class and can be accessed using `driver.find_elements_by_class_name('Ap253')` and storing it in list
- Printing each text of each webdriver object in list,except ones starting with “#”.

## Question 3

- Searching profile “So Delhi” in search box.
- Selecting the search box by finding the xpath of the search box.
- Accessing the the xpath by driver. find\_element\_by\_xpath and storing this as search\_box.
- Search Profile “So Delhi” in search box by using .send\_keys() method to type (“So Delhi”) in search box.
- Opening so delhi profile by finding the profile element .
- Element of the profile can be accessed using driver.find\_elements\_by\_class\_name(‘yCE8’) .
- Storing it as so delhi\_profile.
- Accessing the element by clicking over it by using .click() method.

# Question 4

## Question 4.1 and 4.2

- After opening the So delhi profile in previous Question.
- Inspect the Follow Button
- Get the Xpath of the Follow Button.
- Access the Follow Button by follow =  
`driver.find_element_by_xpath('//div[@class = "BY3EC"] /div/span/span'). Click on the the button by driver.click( method.and print("Started Following")`
- And Youll Start Following the So Delhi Profile.
- Put this code in try and extend. If one is already Following Profile. Driver.find\_element will give no such eleent exception and will redirecr to extend to print ("Already Following").

## Question 4.3

- Inspect the Unfollow Button
- Get the Xpath of the Follow Button.
- Access the Unfollow Button by unfollow =  
`driver.find_element_by_xpath('//span[starts-with(@class,vBF20)]/button'). Click on the the button by driver.click( method.and print("Started Unfollow So Delhi")`
- And You'll Start Following the So Delhi Profile.
- Put this code in try and extend. If one is already Following Profile. Driver.find\_element will give no such element exception and will re direct to extend to print ("Already Unfollowing So Delhi").

# Question 5

## Question 5.1

- Searching and opening Dil Se Foodie profile.
- Opening first post of dil se foodie profile by inspecting the class name of the element of the profile.
- Accessing the first post by `like_post = driver.find_element_by_class_name("_9AhH0")` and clicking by `.click()` method
- Pressing the like button on the post by creating an object of it by `find_element_by_class_name("fr66n")`. Click this element by `.click()` method.
- Pressing the next button on the post by creating an object of it by `next_page = driver.find_element_by_css_selector('a._65Bje.coreSpriteRightPaginationArrow')`. Click this element by `.click()` method.
- Running this in loop to like first 30 post of Dil Se foodie.
- Close the post after the loop ends.

## Question 5.2

- Opening first post of dil se foodie profile by inspecting the class name of the element of the profile.
- Accessing the first post by `like_post = driver.find_element_by_class_name("_9AhH0")` and clicking by `.click()` method
- Pressing the unlike button on the post by creating an object of it by `find_element_by_class_name("fr66n")`. Click this element by `.click()` method.
- Pressing the next button on the post by creating an object of it by `next_page = driver.find_element_by_css_selector('a._65Bje.coreSpriteRightPaginationArrow')`. Click this element by `.click()` method.
- Running this in loop to unlike first 30 post of Dil Se foodie.
- Close the post after the loop ends.

# Question 6

## Question 6.1

- Search and open So Delhi Profile in the Search box
  - Click on followers button and inspect it to get the xpath of the follower button.
  - Access the element by using follower =  
`driver.find_element_by_xpath('//*[@id="react-root"]/section/main/div/header/section/ul/li[2]/a')` . Click the follower by `.click()` method.
  - Accessing each follower in the followers list using  
`driver.find_element_by_class_name("isgrP").click()`
  - Scrolling the followers list to till top 500 followers are scrapped from the followers list.
- 
- Search and open Foodtalkindia Profile in the Search box
  - Click on followers button and inspect it to get the xpath of the follower button.
  - Access the element by using follower =  
`driver.find_element_by_xpath('//*[@id="react-root"]/section/main/div/header/section/ul/li[2]/a')` . Click the follower by `.click()` method.
  - Accessing each follower in the followers list using  
`driver.find_element_by_class_name("isgrP").click()`
  - Scrolling the followers list to till top 500 followers are scrapped from the followers list.

## Question 6.2

- Access those followers Followees of Foodtalkindia follow you Follow But the don't Follow You.
- Finding these elements by  
`find_elements_by_css_selector("a.FPmhX.nottranslate._0imsa ")`
- Printing these followers:
  - `travelmax12345`
  - `explore_world_universe`

# Question 7

- Search and open Coding Ninjas profile on Instagram.
- Select and inspect the story of the coding ninja profile.
- Access the story using xpath  
`driver.find_element_by_css_selector('#react-root > section > main > div > header > div > div > canvas')`
- Check the height of the story of the story
- Check story present or not .if not then print story not present.
- If story height is 208 print "Already viewed the story". If story height is 210 then print "story present but not viewed."