

# INSTA BOT-1

## **1) Log in to your Instagram Handle**

- Submit with sample username and password

### **Solution Approach :**

- i. Visit Instagram and wait for the form to be loaded.
- ii. Fill credentials
- iii. Tap Submit
- iv. If Save info appears → Avoid it
- v. If turn-on notifications appear → Avoid it

## **2) Type for “food” in the search bar and print all the names of the Instagram Handles that are displayed in the list after typing “food”**

- Note: Make sure to avoid printing hashtags

### **Solution Approach :**

- i. Search food in search box
- ii. Clear the search box (removing chance of pre-filled text)
- iii. Enter the text → Search result appears
- iv. Load search results in a list.
- v. Iterate each search result
- vi. If #tag → Ignore it else → print handle

## **3) Searching and Opening a profile using**

- Open profile of “So Delhi”

### **Solution Approach :**

- i. Search ‘sodelhi’.
- ii. Open first search result

## **4) Follow/Unfollow given handle -**

- Open the Instagram Handle of “So Delhi”
- Start following it. Print a message if you are already following

- After following, unfollow the Instagram handle. Print a message if you have already unfollowed.

### **Solution Approach :**

- Follow the handle
  - i. Open profile.
  - ii. Locate follow button.
  - iii. If 'Follow' is written on the button → Tap on Follow button and start following.
  - iv. Else → Already following.
- Unfollow the handle
  - i. Open profile.
  - ii. Locate follow button
  - iii. If 'Follow' is written on the button → Already Unfollowing
  - iv. Else → Tap On Button and then Tap on Unfollow

### **5) Like/Unlike posts**

- Liking the top 30 posts of the 'dilsefoodie'. Print message if you have already liked it.
- Unliking the top 30 posts of the 'dilsefoodie'. Print message if you have already unliked it.

### **Solution Approach :**

- Load the Posts
  - i. Search handle.
  - ii. Click on the first result.
  - iii. Scroll Until 30 posts are loaded.
  - iv. Load the 30 posts link in a list.
- Like Posts
  - i. Iterate each link of the list.
  - ii. Locate like button
  - iii. If 2 div tags are present inside the button → Tap the like button and print 'Like the post'.
  - iv. Else → Already Liked the post.
- Unlike Posts
  - i. Iterate each link of the list.

- ii. Locate like button.
- iii. If 1 div tag is present inside the button → Tap the like button and print 'Unlike the post'.
- iv. Else → Already not Liked the post.

## 6) Extract list of followers

- Extract the usernames of the first 500 followers of 'foodtalkindia' and 'sodelhi'.
- Now print all the followers of "foodtalkindia" that you are following but those who don't follow you.

### Solution Approach :

- Print 500 followers of foodtalkindia.
  - i. Open profile of foodtalkindia.
  - ii. Click on the followers button
  - iii. Scroll until 500 followers are loaded.
  - iv. Extract the handle, name (if present), verified status (if present), and following status.
  - v. Print the handle name.

*(Until now follow the same approach for 'sodelhi, below steps are required for the second problem statement of Problem-6).*

- vi. Create a list to store links of those followers, that the user follows.
- vii. If the following status is 'Following' add it to the above-created list.
- viii. Iterate each link in the list.
- ix. Open link.
- x. Click on the following button
- xi. If the first user name does not match the username → Print the follower handle.

## 7) Check the story of 'coding.ninjas'. Consider the following Scenarios and print error messages accordingly -

- If You have already seen the story.
- Or The user has no story.
- Or View the story if not yet seen.

### **Solution Approach :**

- i. First, follow the 'coding.ninjas' handle.
- ii. Open the home page of Instagram
- iii. Check for 'coding.ninjas' story
- iv. If Story is not present → print "No story of 'coding.ninjas'" and stop.
- v. Else → load story button
- vi. If 'not seen' present in 'aria-label' attribute of story button → User has not seen the story.
- vii. Else → User has seen the story.
- viii. Open profile of 'coding.ninjas'.
- ix. Click on the profile image to see 'coding.ninjas' story.