Basic Tasks

## **Task: 1**

Make a sorting method without using built-in method.

**Remarks: Successfully completed**.

## **Task: 2**

Make a method to filter out list

**Unfilter\_list =** ['compInfo', 'compInfo\_PAK', 'directDeposit', 'emailInfo', 'emailInfo\_candidate', 'emailInfo\_dependent', 'emailInfo\_employee', 'emergencyContactPrimary', 'employmentInfo', 'globalAssignmentInfo', 'globalInfo', 'globalInfo\_ARE', 'globalInfo\_ARG', 'globalInfo\_AUS', 'globalInfo\_AUT', 'globalInfo\_BEL', 'globalInfo\_BGD', 'globalInfo\_BRA', 'globalInfo\_CAN', 'globalInfo\_CHE', 'globalInfo\_CHL', 'globalInfo\_CHN', 'globalInfo\_COL', 'globalInfo\_CZE', 'globalInfo\_DEU', 'globalInfo\_DNK', 'globalInfo\_EGY', 'globalInfo\_ESP', 'globalInfo\_FIN', 'globalInfo\_FRA', 'globalInfo\_GBR', 'globalInfo\_GTM', 'globalInfo\_HKG', 'globalInfo\_HUN', 'globalInfo\_IDN', 'globalInfo\_IND', 'globalInfo\_IRL', 'globalInfo\_ITA', 'globalInfo\_JPN', 'globalInfo\_KOR', 'globalInfo\_LKA', 'globalInfo\_MEX', 'globalInfo\_MYS', 'globalInfo\_NLD', 'globalInfo\_NOR', 'globalInfo\_NZL', 'globalInfo\_OMN', 'globalInfo\_PER', 'globalInfo\_PHL', 'globalInfo\_POL', 'globalInfo\_PRT', 'globalInfo\_QAT', 'globalInfo\_ROU', 'globalInfo\_RUS', 'globalInfo\_SAU', 'globalInfo\_SGP', 'globalInfo\_SWE', 'globalInfo\_THA', 'globalInfo\_TUR', 'globalInfo\_TWN', 'globalInfo\_USA', 'globalInfo\_VEN', 'globalInfo\_VNM', 'globalInfo\_ZAF', 'homeAddress', 'homeAddress\_ARE', 'homeAddress\_ARG', 'homeAddress\_AUS', 'homeAddress\_AUT', 'homeAddress\_BEL', 'homeAddress\_BGD', 'homeAddress\_BRA', 'homeAddress\_CAN', 'homeAddress\_CHE', 'homeAddress\_CHL', 'homeAddress\_CHN', 'homeAddress\_COL', 'homeAddress\_CZE', 'homeAddress\_DEU', 'homeAddress\_DNK', 'homeAddress\_EGY', 'homeAddress\_ESP', 'homeAddress\_FIN', 'homeAddress\_FRA', 'homeAddress\_GBR', 'homeAddress\_GTM', 'homeAddress\_HKG', 'homeAddress\_HUN', 'homeAddress\_IDN', 'homeAddress\_IND', 'homeAddress\_ITA', 'homeAddress\_JPN', 'homeAddress\_KOR', 'homeAddress\_LKA', 'homeAddress\_MEX', 'homeAddress\_MYS', 'homeAddress\_NLD', 'homeAddress\_NOR', 'homeAddress\_NZL', 'homeAddress\_OMN', 'homeAddress\_PER', 'homeAddress\_PHL', 'homeAddress\_POL', 'homeAddress\_PRT', 'homeAddress\_QAT', 'homeAddress\_ROU', 'homeAddress\_RUS', 'homeAddress\_SAU', 'homeAddress\_SGP', 'homeAddress\_SWE', 'homeAddress\_THA', 'homeAddress\_TUR', 'homeAddress\_TWN', 'homeAddress\_USA', 'homeAddress\_VEN', 'homeAddress\_VNM', 'homeAddress\_ZAF', 'imInfo', 'jobInfo', 'jobInfo\_ARE', 'jobInfo\_ARG', 'jobInfo\_AUS', 'jobInfo\_AUT', 'jobInfo\_BEL', 'jobInfo\_BGD', 'jobInfo\_BRA', 'jobInfo\_CAN', 'jobInfo\_CHE', 'jobInfo\_CHL', 'jobInfo\_CHN', 'jobInfo\_COL', 'jobInfo\_contingent worker', 'jobInfo\_CZE', 'jobInfo\_DEU', 'jobInfo\_DNK', 'jobInfo\_EGY', 'jobInfo\_ESP', 'jobInfo\_FIN', 'jobInfo\_FRA', 'jobInfo\_GBR', 'jobInfo\_GTM', 'jobInfo\_HKG', 'jobInfo\_HUN', 'jobInfo\_IDN', 'jobInfo\_IND', 'jobInfo\_ITA', 'jobInfo\_JPN', 'jobInfo\_KOR', 'jobInfo\_LKA', 'jobInfo\_MEX', 'jobInfo\_MYS', 'jobInfo\_NLD', 'jobInfo\_NOR', 'jobInfo\_NZL', 'jobInfo\_OMN', 'jobInfo\_PER', 'jobInfo\_PHL', 'jobInfo\_POL', 'jobInfo\_PRT', 'jobInfo\_QAT', 'jobInfo\_ROU', 'jobInfo\_RUS', 'jobInfo\_SAU', 'jobInfo\_SGP', 'jobInfo\_SWE', 'jobInfo\_THA', 'jobInfo\_TUR', 'jobInfo\_TWN', 'jobInfo\_USA', 'jobInfo\_VEN', 'jobInfo\_VNM', 'jobInfo\_ZAF', 'jobRelationsInfo', 'nationalIdCard', 'nationalIdCard\_ARE', 'nationalIdCard\_ARG', 'nationalIdCard\_AUS', 'nationalIdCard\_AUT', 'nationalIdCard\_BEL', 'nationalIdCard\_BGD', 'nationalIdCard\_BRA', 'nationalIdCard\_CAN', 'nationalIdCard\_CHE', 'nationalIdCard\_CHL', 'nationalIdCard\_CHN', 'nationalIdCard\_COL', 'nationalIdCard\_CZE', 'nationalIdCard\_DEU', 'nationalIdCard\_DNK', 'nationalIdCard\_EGY', 'nationalIdCard\_ESP', 'nationalIdCard\_FIN', 'nationalIdCard\_FRA', 'nationalIdCard\_GBR', 'nationalIdCard\_GTM', 'nationalIdCard\_HKG', 'nationalIdCard\_HUN', 'nationalIdCard\_IDN', 'nationalIdCard\_IND', 'nationalIdCard\_IRL', 'nationalIdCard\_ITA', 'nationalIdCard\_JPN', 'nationalIdCard\_KOR', 'nationalIdCard\_LKA', 'nationalIdCard\_MAC', 'nationalIdCard\_MEX', 'nationalIdCard\_MYS', 'nationalIdCard\_NLD', 'nationalIdCard\_NOR', 'nationalIdCard\_NZL', 'nationalIdCard\_OMN', 'nationalIdCard\_PER', 'nationalIdCard\_PHL', 'nationalIdCard\_POL', 'nationalIdCard\_PRT', 'nationalIdCard\_QAT', 'nationalIdCard\_ROU', 'nationalIdCard\_RUS', 'nationalIdCard\_SAU', 'nationalIdCard\_SGP', 'nationalIdCard\_SWE', 'nationalIdCard\_THA', 'nationalIdCard\_TUR', 'nationalIdCard\_TWN', 'nationalIdCard\_USA', 'nationalIdCard\_VEN', 'nationalIdCard\_VNM', 'nationalIdCard\_ZAF', 'payComponentNonRecurring', 'payComponentRecurring', 'paymentInfo', 'pensionPayoutsInfo', 'personalInfo', 'personalInfo\_contingent worker', 'personInfo', 'personInfo\_contingent worker', 'personInfo\_employee', 'personRelationshipInfo', 'phoneInfo', 'userAccountInfo', 'workPermitInfo']

Output -> **Parent** = ['compInfo', 'directDeposit'**, …**]

**Child** = ['compInfo\_PAK', 'emailInfo\_candidate'**,..**]

**Remarks: successfully completed**

Part 2:

I. Using Previous task “**Unfilter\_list**” make method to filter out list and return Dictionary.

Output -> **Dictionary** = {'compInfo': ['compInfo\_PAK'],

'directDeposit' **:**[] **,** 'emailInfo': ['emailInfo\_candidate']}

**Remarks: successfully completed**.

## **Task: 3**

Make Selenium helper method.

1. Get Element.
2. Get Element Text.
3. Get Element Attribute Text.
4. Get Elements.
5. Get List of Elements Text.
6. Get List of Elements Attribute Text.
7. Click Element.
8. Is Element Present.
9. Wait for Element to be Visible.

## **Task: 4**

Using Request module use [get, put, post] request in your code.

1. Make example of get.
2. Make example of put.
3. Make example of post.

## **Task: 5**

I. Navigate to W3schools.

ii. Click on Tutorials.

iii. Click on Learn Python.

iv. Click on Python Intro (#From Side Bar/ Python Tutorial).

v. Scrape and Print ("Python Syntax compared to other programming languages".

vi. Store in txt file with modified Date and Time.

## **Task: 6**

Navigate to W3Schools Python Intro Page.

Part 1: Side Bar Heading and sub heading print

Part 2:

I. Print All the Heading.

ii. Waiting for Input. (Give any heading)

iii. Print all the Sub Heading (for the Heading given input)

## **Task: 7**

Learn Gspread and practice Google sheet

1. Data push
2. Data retrieving
3. Data Validation (highlight cells (Green, Red))