

CS3080 Python Programming - Task 2

1 Instructions

1.1 Task Teams

- Students will be divided into teams.
- The team can be 1, 2, or 3 students.
- It is not allowed for a team to contain more than 3 students. A team of 4 or more students will get a score of zero.
- Once you form a team, you will continue with that team to implement all the tasks of the semester.
- It is not allowed to change the team members for each task.
- It is your own responsibility to use the modules and modules versions you want.

1.2 What to Submit?

- A single ZIP file that contains the whole task folder.
- The whole task folder contains all the files (.py, .xlsx, report, etc.).
- A report contains the following:
 - Introduction
 - Table of functions

Function Prototype	Description of its purpose

- Snapshots of the program execution
- Name of group members including the role of each one.
- Steps showing how to run the task.
- Difficulties (if any) that you faced during implementing this task.

2 Tasks

Task 2: Get The Most 3 Contributors in a Conference for the Last 3 years

- Write a Python program to web scrap the following websites:

`https://openaccess.thecvf.com/CVPR2022?day=all`

`https://openaccess.thecvf.com/CVPR2023?day=all`

`https://openaccess.thecvf.com/CVPR2024?day=all`

- The goal of that web scraping is to obtain the most 3 contributors (authors or researchers) in a conference for the last 3 years (2022, 2023, and 2024).
- The results should be saved in an Excel spreadsheet.
- For each author, you should show how many papers the author contributed in the last 3 years, and for each year separately.
- For example,

	Person 1	Person 2	Person 3
2022	10	9	8
2023	9	8	7
2024	8	7	6
Total	27	24	21