

# CS384 2022 Assignment 6 - Attendance Report Generator.

Mayank Agarwal

Python 3.8.10 Install Instruction <https://pastebin.com/nvibxmjw>

**Deadline:** 11th Nov, 2022. 23:59. All of your git repos shall be pulled after that. That will be the version which will be checked.

**Warning:** Sharing is Caring is good for cat videos. Sharing of program may lead to plagiarism and would effect in 0 to both.

**Doubts:** All Doubts relating to CS384 2022 Assignment shall be posted on Google Form

[https://docs.google.com/forms/d/e/1FAIpQLSdS5liTGIRaluDIDARL7FH-XwN4oBJ1ZvE8f5cPcMaxftK44w/viewform?usp=sf\\_link](https://docs.google.com/forms/d/e/1FAIpQLSdS5liTGIRaluDIDARL7FH-XwN4oBJ1ZvE8f5cPcMaxftK44w/viewform?usp=sf_link)

I will respond to the queries here:

<https://docs.google.com/spreadsheets/d/1QiKySHoGXoG8h0UhG7saDMI7eV4y0QK2LCTY2bt-Lys/edit?usp=sharing>

Please avoid email / wa / dm

So common doubts can be solved and we shall be able to keep track in an organized manner.

**Pull This Git Repo** - [https://github.com/Cs3842022/CS384\\_2022](https://github.com/Cs3842022/CS384_2022) and copy the tut06 to your repo folder.

**Git Requirements:** At least 5 git commits should be there with meaningful comments (at least 4 words)

**The entire code must be into multiple try, except block:** Multiple Try Except should be the part of the code, so that if there is an error in a new file, the program throws the exception and does not stop. Also the number of rows should be read such that files bigger/smaller than this should be able to run by your code.

**Library Requirements:** You can use csv, pandas, datetime or any other library / inbuilt module, but for evaluation you need to explain each line of code.

**Problem Statement:** For the course of CS384 the attendance was made online as conducting attendance for 221 students in a span of 60 minutes was not possible. The lecture is scheduled on Monday and Thursday from 2-3 p.m. Taking advantage of this freedom, the students actually marked the attendance outside these working hours. In this assignment, you are given a csv file consisting of the timestamp and the name and roll number concatenated. In addition you are given the registered course students for the Python course. Your job is to generate an attendance report.

Explanation <https://youtu.be/R9hA1UvNWxc>

The output shall consists of two files: a) individual\_reports for each roll number in Excel format. b) consolidated report for all roll numbers in a single file in Excel format. Check the output folder for the files. So in a class of 221 students there will be 221 output files one for each student (save as ROLL.xlsx) and one consolidated file that will be consisting of all the 221 roll numbers and their attendance statistics.