

CS384 2022 Assignment 8 - Cricket Scorecard Generator

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

Deadline: 8th 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

I will respond to the queries here:

<https://docs.google.com/spreadsheets/d/1QiKySHoGXoG8h0UhG7saDMI7eV4yOqK2LCTY2bt-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 and copy the tut08 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:

The regular expression code basically is to generate a cricket scorecard using the given commentary. The commentary is taken from the Cricbuzz page for the India Pakistan match which was recently held in the Asia Cup. What you need to do is the parse the input text given and take the help of regular expression in order to extract the scorecard. Scorecard is on page

<https://www.cricbuzz.com/live-cricket-scorecard/51210/ind-vs-pak-2nd-match-group-a-asia-cup-2>

Start the scorecard from

Pakistan Innings....

...

End @

Mandatory 0.1-6 38

##

Including everything that is in between.

In the commentary you can see the following format

X.Y bowler to batsman, event followed by some text commentary

0.4 Bhuvneshwar to Babar Azam, FOUR, classic Babar Azam!Just a bit overpitched on off, Babar drives

with the full face on the bat. The timing is too pure as it gets past the rightward dive of mid-off

So, from above you can add 1 ball to Bhuvneshwar bowling tally, 4 runs to Babar Azam tally., and so on.

Teams.txt contains players names. You can map the players name as per the input in the text based commentary. Like Chahal for Yuzvendra Chahal and so on.

Input Files: pak_inns1.txt, india_inns2.txt, teams.txt

Output: Scorecard in txt/csv format (Scorecard.txt / Scorecard.csv) . Output is free format. You can try to use print statements API for keeping spacing. Help <https://www.geeksforgeeks.org/string-alignment-in-python-f-string/>