

## P11 (E2 Group)

One of your friends who is a cricket fan asks you to develop a program to calculate the total runs scored by players in a given year. All the data are provided in a file. The first row of the file contains data headers -Name Dots Ones Twos Threes Fours Sixes, in that order. Next rows contain data in the order of the headers, each line containing data about one player.

Develop a Python program to calculate and output the total runs scored by each player. Input file name and output file name are given as command line inputs separated by a space. The output should also be displayed on screen.

**Special requirement:** You must define at least 2 functions and use them in your code

### Format:

Input:   input\_file output\_file

(The first line of the input file will contain headers where each column name is separated by a space. Eg: Name Dots Ones Twos Threes Fours Sixes. Each subsequent line contains space separated data values for one player. Eg: ChrisGayle 400 68 50 30 50 20)

Output: Display on screen and write to the output file. Output "Name Runs" as header in the first line. Each subsequent line contains the name of the player and the total runs scored by him, separated by space.

### Case 1

Input:       Stat.txt Out.txt (input\_file name = Stat.txt, output\_file name = Out.txt)

Input data: Name Dots Ones Twos Threes Fours Sixes

SureshRaina 720 521 120 5 25 62

ThisaraPerera 224 821 3 19 12 56

ABDevelliers 3424 721 434 29 202 176

Output:   On screen and in output file (name of file specified in input to the program)

Name Runs

SureshRaina 1248

ThisaraPerera 1268

ABDevelliers 3540