

DA-4

- Write a python program to read marks (english, science and maths) of five students from a file. Compute the percentage of the students and class average of all the three subjects. Store the student's percentage against their name in descending order and also store the class average of all the subjects in a new file.
- Write a python program containing functions to get the length of list, tuple and string. Don't use inbuilt functions/methods or 'in' operator.
- Write a program containing function to find total number of words in file, functions to replace a word with single and multiple occurrence.
- Import math and os modules. Verify the log and trigonometric identities. Store the results (in files) in the folders log_res and tri_res.
- Create a module1 with the functionality to find the sum of odd factors of a number and module2 with the functionality to check if email address valid or not (use regular expression).