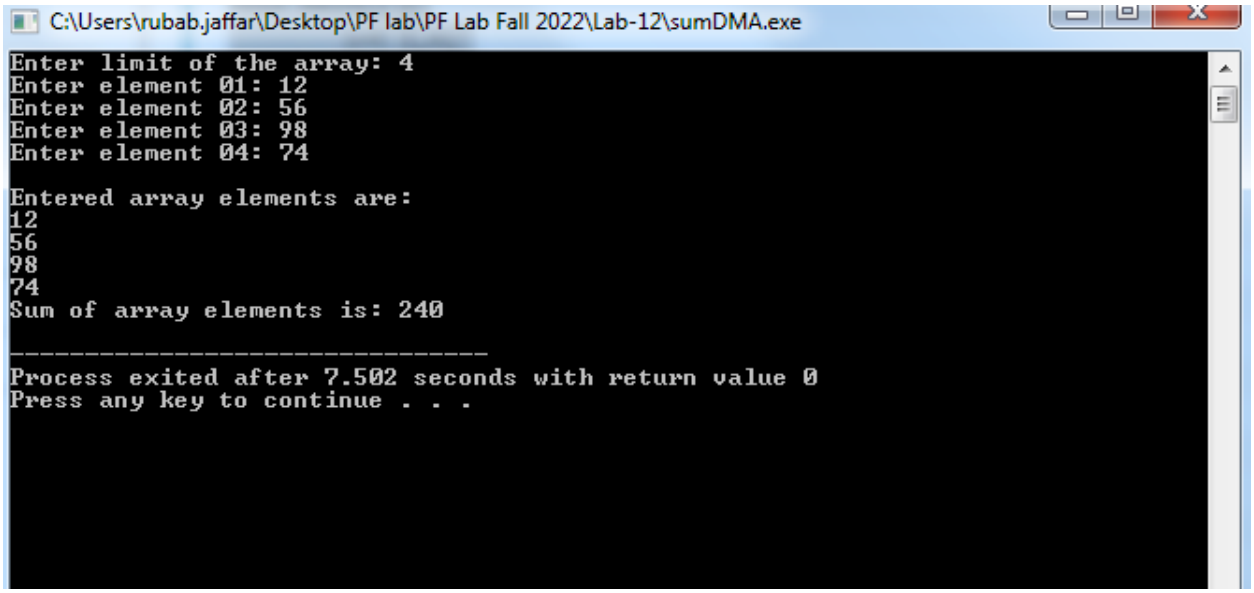
Dynamic Memory Allocation

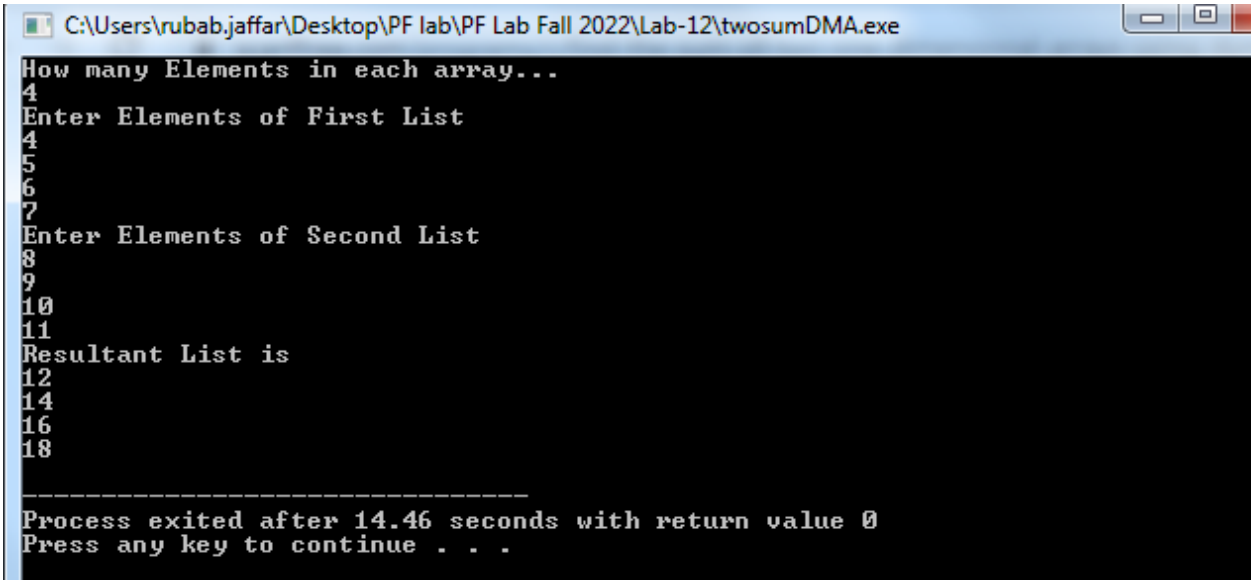
Task 1:

C program to read a one dimensional array, print sum of all elements along with inputted array elements using Dynamic Memory Allocation.



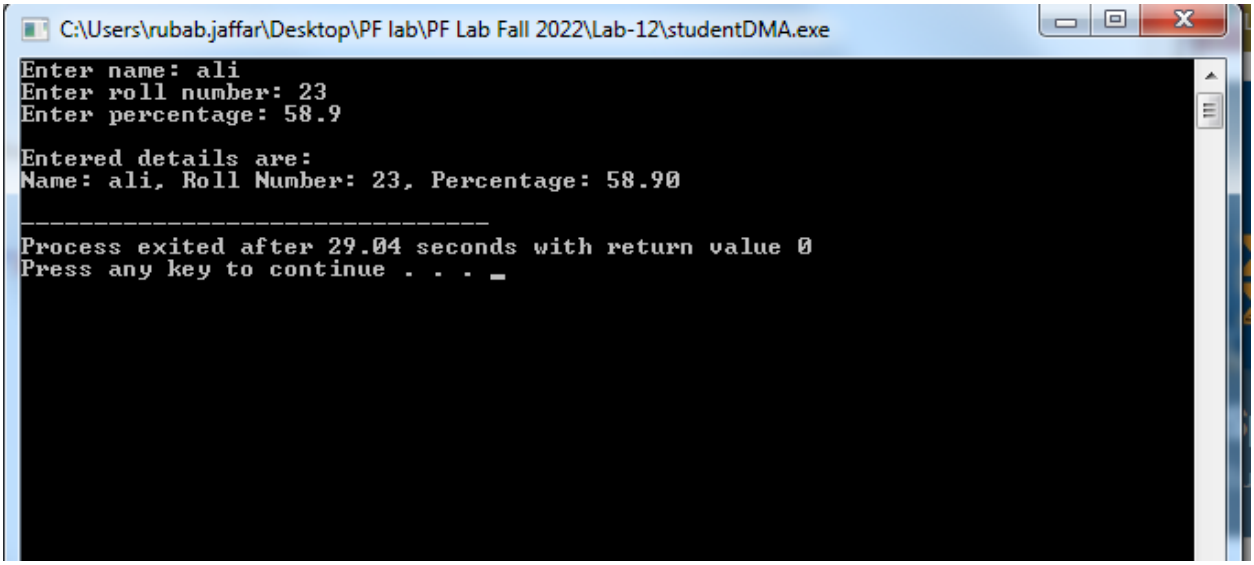
Task 2:

Write a C program that's reads two 1-D array from the user. Program must ask the user about number of elements in each array and then dynamically allocates memory for these two arrays. Program should find the sum of two one-dimensional arrays using Dynamic Memory Allocation.



Task 3:

Write a C program to read and print the student details using structure . Memory to store and print structure will be allocated at run time. Student details includes name, roll numner and percentage.



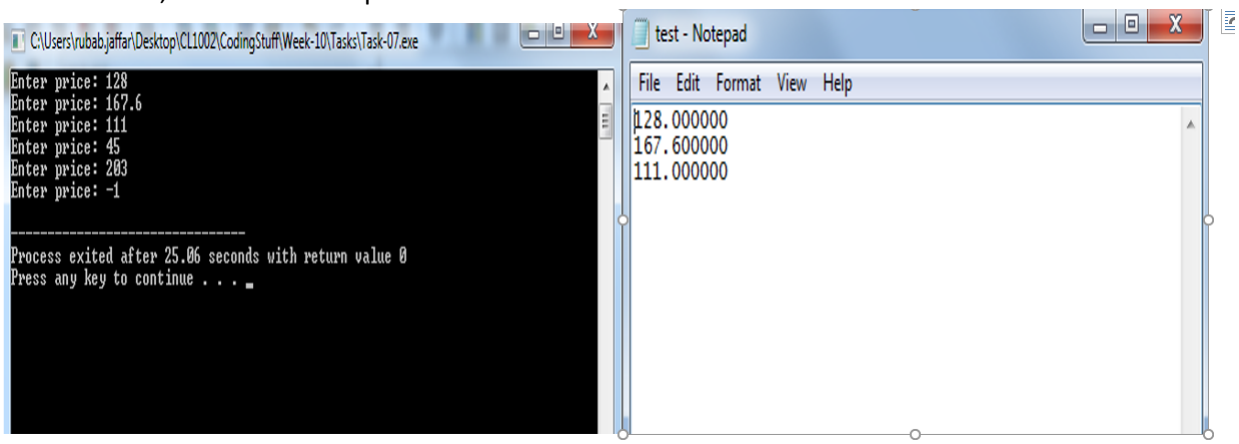
Task 4:

Modify the above task by taking the total number of students from the user and then read and print all student details.

Filing Tasks

Task 5:

You are required to write a program for your cafeteria owner which can reads the products' prices continuously and stores in a text file only those that cost more than PKR100 and less than PKR200. If the user enters -1, the insertion of prices should terminate.

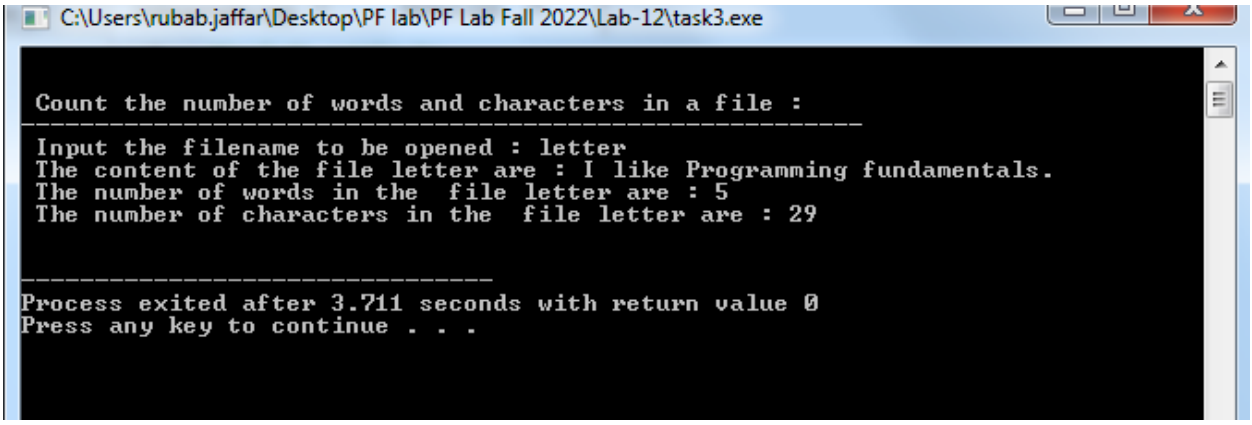


Task 6:

Write a C program to create 2 text files and store some text inside them. Then read these 2 files into the program and merge the text into a 3rd text file.

Task 7:

Write a program in C to count number of words and characters in a file.



Task 8:

C program to create a file called emp.txt and store information about a person, in terms of his name, age and salary.