CS127-5L: Computer Programming 2 Laboratory
Machine Problem #6: I/O Streams and Data Files

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Section:	A35	Date: 04-20-2023

Instructions:
1. Save your file as Surname_Firstname_MP6. Ex. Isip_MP6.cpp

2. You will submit the following and send it to BB .

   a. PDF file of Machine Problem 1 provided with the screenshot of your answers (Sample Run)
   b. C++ script with .cpp extension.

3. Your program must have comments for each section.
   Header Comments:
   > Write a description of the program.
   > Written by: Cheryl Mari M. Isip
   > Date: April 21, 2022
   > Time: 7:30am
   > Program: BSCPE
   > Course: CS127-5L
   > Section: B20
   > School: Mapua University

EXERCISE

Store the following data in a file:
5 96 87 78 93 21 4 92 82 85 87 6 72 69 85 75 81 73

Write a C++ program to calculate and display the average of each group of numbers in the file created. The data is arranged in the file so that each group of numbers is preceded by the number of the data items in the group. Therefore, the first number in the file 5, indicates the next five numbers should be grouped together. The number 4 indicates that the following four numbers are a group, and the 6 indicates that the last six numbers are a group.

Hint: Use a nested loop. The outer loop should terminate when the end of the file has been encountered.

Prepared by: Engr. Cheryl Mari M. Isip, Mapua University

Take a screenshot and paste your output: