CS264 Project 1

Total points: 100

Submission Instruction: *You must run the assembly program using the SPIM simulator. Please zip the following files:*

- *The assembly programs (using file extension .asm)*
- You need to provide the output of the console window and the saved log after the program finishes executing for each of the following programs.

Submit your zip file via Blackboard

1. Write a program that reads an array of 20 integers with an appropriate prompt, stores it, and then prints in three formats:
    a. One integer per line;
    b. All integers in a single line separated by spaces;
    c. All in integers in a single line in the reverse order separated by spaces, Your program also requests entering a positive integer n <= 20 and then prints the 20 integers, n integers per line with separated by space.

Please write a separate program for each of the required formats.

Test your program with one set of 20 integers and for n = 5 and n = 6

SHARE IDEAS NOT CODE