PDP Homework#1: 3-Subset Sum in OpenMP

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What is 3-Subset Sum?

Given an array of digit:

$$\begin{bmatrix} 1 & 2 & -1 & -2 & -4 \end{bmatrix}$$

Calculate how many combinations of any 3-digits-sum equal 0, for the input above, the answer is:

$$9$$

Goal: Wring a OpenMP version of 3-Subset Sum

- Input: first line is a number n, second line is n numbers
  5
  1 2 -1 -2 4
- Output: a number showing how many combinations of any 3-digits-sum equal 0
  9

Download & Upload

From CEIBA course website, you can download a zip file, unzip and you will get:

- hw1.pdf
- three.subset.sum.c
- input10.dat/input10.dat.ans
- input100.dat/input100.dat.ans
- input500.dat/input500.dat.ans

Zip your OpenMP version of the code and upload to CEIBA homework section, the code should name as your student id,ex

- r01922003.zip
  - r01922003.c