Semana I (2016)
Problema Ind3-C

18. 4 Sum

Given an array *S* of *n* integers, are there elements *a*, *b*, *c*, and *d* in *S* such that *a* + *b* + *c* + *d* = target? Find all unique quadruplets in the array, which gives the sum of target.

Note: The solution set must not contain duplicate quadruplets.

For example, given array S = [1, 0, -1, 0, -2, 2], and target = 0.

A solution set is: [[-1, 0, 0, 1], [-2, -1, 1, 2], [-2, 0, 0, 2]]