

Task 1(1): At first I take len and target. Then I take a nested loop to do the sum of the value of array. I used ~~one~~ flag to ~~reduce~~ reduce the time complexity. I also take ^{two} variables to take the index. At the end if flag is changed then I write output otherwise it will show Impossible.

Task 1(2): I take two variable to store the index and a flag. Then I run a loop. Add the two value and check with target. If sum is greater than target then I minus 1 from right and if it is less than target then add 1 with left. If flag is unchanged then it show Impossible.

Task 2(1): I took two array from the input. Then I add the two array. And make the value to integer. Then I sort the array and print the output by running a loop.

Task 2(2): I make a function to convert the value to integer. To merge two arrays I write a function. It will check whether the values are greater or less. At the end it will add rest of the values with array. Then I write the output.

Task 3: I took a dictionary to store the input as key, value pair. Then I sorted the dictionary. I take another another dictionary to store the possible interval. I check the interval with key and store it in dictionary. At the end I showed the output.

Task 4: I took a dictionary to store the interval. First I put the value key, value as a list in a empty list. If condition is satisfied then I updated the values of list and increment the count. And at the end I showed the output.