At first, read the lines from input and assign there into variables. Then sun a for loop to n and also a nested for loop from it I to n. then sum= = = array [i] + array [j].

Then check if it was the equal to the target numbers.

If it was then just write the indent of Boths and by Elege just continue loop. If the loop and then it means there are no such combination, so just write impossible. Here the time complexity is o(n2).

Toget the time copl complexity O(n), we use two pointers system. To write It, write two variables, hinst one initialize it with zero and the second one initialize it with len of the array -1. Now write a while loop and then the loop will continue until left one is less then the right one. Then sum two of the values of the array. Now check if It is equal to the target. On else,

If that sum is less then target then just increthe left one. Else, just decrease the night nums. On If the bop ended, then point "Impossible".

The eluch if it was the equa

· Task2(a)

To somet in O(nlgn), we can just use somet function.

Task 2 (b)

To sorot in O(n), we have to write a while and 9t will continue until the hirst to pointers of the first array length one the second pointers; less then the selength of second aurroy. Now frost two conditions and for it both array length isn't equal. Then next of the two conditions are lop if which one is less than other and appendit.

At first we have to sorot it respect with ending time.

Then write a while loop and it will continue until the
last element of theat time pairs. Then just check if
the previous worok's ending time is equal or goe less than
the previous worok's ending time.

Task 4

At first sort that time para with respect of ending time. Then we have to check which person has less, difference in terms of ording and starting time and assign that work to that person.