I Here first we took the desired in a variable and by iterating and adding when ever we find our desired value we save the last inden tations and print and break the code (stop). O(n2)

for part b we used key, value and dictionary to see if there's any match by using only one loop. Here we used flags to ston I lim

inside the dietionary and find the wsom. Used logie wsum-i=(required num).

algorithm of menge sont as we have a sonted lists already which then called in meagesont to idevide and conquer sonting. Which made Its complexity o(mlogn)

0.100111

- 6 For this I used toops that one not nested and for the extra part that got left out I cheked length and added orwards.
- (1) Hone, I enewted a algorithm to schedule the work times according to the sonted anay that was sonted negarding end time of each work). And whenever it fits the low time enteteria and always take the first one as it its already sonted. And finally adding them to a final anay eneated before. Finally print the finall array and its length according to desire doutput.

1) For this one I took the first line's values as n and m. And cheated a array with smaller arrays containing stant and end times. tus time when even a work is starting at one other works end time and is not already token and not already in timal annay we add it to work, more ahead and add it to done works. And finally paint (done) numbers at end and close the butput file.