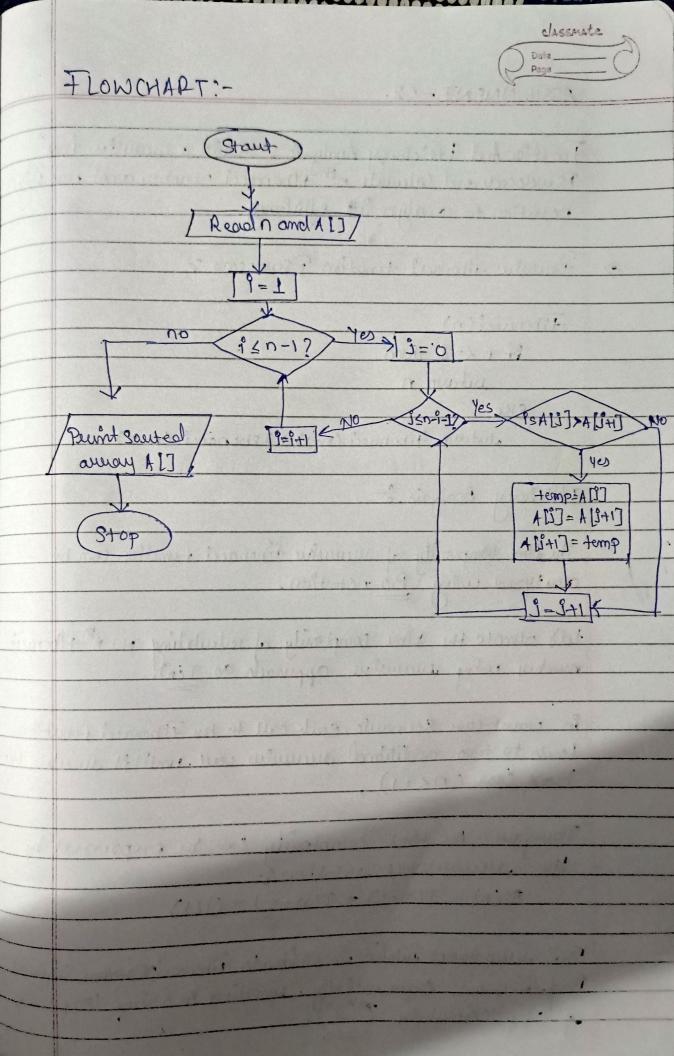
	ADITYH PRATAPSINGIN!
	ASSIGNMENT-01
	Pseudorode s-Trocochout fay souting Algorithm - w. Tseudo code & Canate a Franchout. Fan a bubble so algo.
7	Pseudo cooli :-
	Alganithm Bubble sout () }
	Read n, the among stre.  Read the Elements of among A[]  tay 1= L to n-1 do E
A.	fay j=0 10 n-i-1 do 2
	IJ A [1] > A [1-1] then }
	+emp = A[]] A[] = A[]+1]
	A[j+1] = temp.
	3
	3
	Point the Souted among A[]
	<b>*</b> -



## ASSIGNMENT-02.

Function And Effectoring Analysis: - Weble a encury of the TSecurior and calculate non-financial number and use Bigo notation to analyze its efficiency.

drout.

Recussou Libonació Function Pseudocoole:

Fibonacei (n)

84 n <= 1 thm

n nurtur

Else

Judium Fibonacci (n-1) + Fibonacci (n-2)

Efficiency Aralysis. 3-

The time complemity of successful tibonacci function can be awayzed using Bo notation.

Ties choose the flow complainty of calculating the 1th floorand numbery cooling answers approach as Tins.

In want case scanaulo, contrat to the Fibonacci function. leads to two additional securities card untility markers the base case (n<=1),

Thursday, the time complexity can be empressed by the heavenum endotton:

T(n) = T(n-1) + T(n-2) + O(1)

This recurrence relation is Similar to Fiberacci Woodbay Sequent 18Key. It grows emponentially, resulting in a time companily of app Toximately O(21).