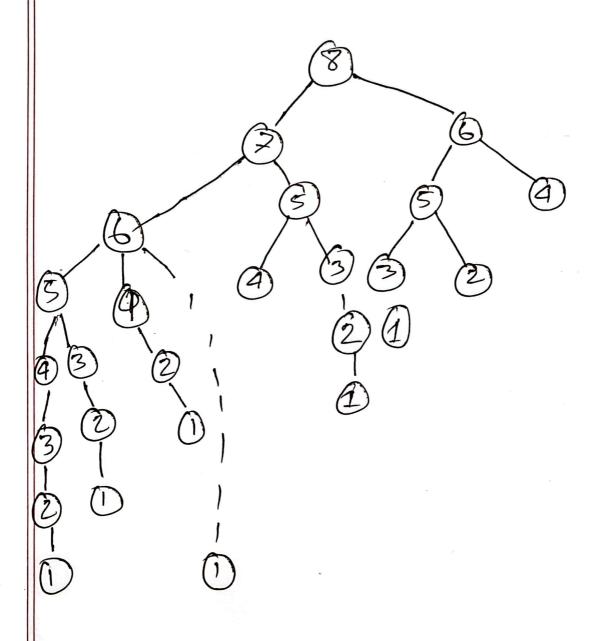
gulstion - 1



Fizi. Tree of fibonaeci (8)

QuStion -2 should be

Given Array _ [100, 90, 80, 70, 60; 50, 40, 30, 20, 10].

of Insortion Sort of OC [Col] ((2 Smap 100 00 James 6)

Tritial Array: [100], 00, 80, 70, 60, 50, 40, 30, 20,10 No swaps needed as it is the first element,

(1) AMAY:5 (100, [00], 80,70,60,50,40,30,20,10 so it stays in Rha

18505 00, 00, 00, 06, 08,00 (x)

Acreani-1 20, 60, [80], 70, 60, 50, 40, 30, 20, 10 550 at 150.80, 00, 100; [70], 60, 50, 40, 30, 20,10 70, 80, 00, [00, [60], 50, 90, 30, 20, 10

(similler steps for the remaining elements)

in Step 10:-010, 20,30,40,50,60,70,70,00,100 Array it Sorted, Total Swaps 27.

2/ Bubble Sort: (in en 1) 200 / 12 (100) 30 30 30 60, (1948) 3 D[100], Do, 80, 70, 60, 50, 90, 30, 20, 10 à swap 100 and 90. @ 90, [100], 80, 70, 60, 50, 40, 30, 20, 10 med their Sweep: +: 100 Land 8000000 or of Jerimileer of Steph ofor the Remaining is that? ti clement Sport rulland (i oc (x) 00, 80, 70,60,60,40,30,20,10,100 Pods prow it will stert the pesson again, and will sort the arry in 2. 12. 02 total 00 500 Swap). 1 similler Steps for the Roman elements) in Step 10:-010, 20, 30, 40, 50, 60, 70, 80, 90

3/ Com Paril Son, 501 (000) A Insertion Sorts readined 27 smaps B Bubble Sort required 45 smaps In this Array, Insertion Sort reavines fewer props Compared to Butble Sort making it more efficient for tuil Particular array.