5. Show the recursive tree of Algorithm (in 4) on the array mentioned in question 2 (10pts)

2. Show the recursive tree_on applying your algorithm (in 1) from exercise 1 the following array (10pts)

13| 66| 6| 69 | 22

1 BinaryAve(arr, 0,5)
Return ((((13+66)/2)*2)+ (((6+(((69+22)/2)*2))/3)*3))/5
Aka (13+66+6+69+22)/5

2 BinaryAve(arr,0,2)
Returns (13+66)/2

5 BinaryAve(arr, 2,3)
return (6+(((69+22)/2)*2))/3
Aka (6+69+22)/3

3 BinaryAve(Arr,0,1)
Returns 13

4 BinaryAve(arr,1,1)
returns 66

6 BinaryAve(arr,2,1)
return 6

7 BinaryAve(arr,3,2)
return (69+22)/2

8 BinaryAve(arr,3,1)
Return 69

9 BinaryAve(4,1)
return 22