


National University of Computer and Emerging Sciences, Lahore Campus

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Below is the code for Bubble sort. Draw the decision tree of Bubble sort when sorting 3 elements

```

BubbleSort(A, n)
{
    for(i=1 to n-1){
        for(j= 1 to n-i){
            if(A[j+1]<A[j])
                swap(A[j],A[j+1])
        }
    }
}
    
```

Let V1, V2 and V3 be the initial unsorted elements, the decision tree would be

