TEST CASE:

0.1f,0.2f,0.1f

```
CHECKING: 0.1 with 0.2
START: 0.1
0.1
TRACK1
K!=nums.length-2
********WRITTEN END-
This is counter at the moment: 0
It is not possible to trigger has Transition if counter is 0 since can not see transition in opposite direction CURRENT START: 0.1
------Stored start -> end: 0.1->0.2
CURRENT START: 0.1
                                               We can see it has stored the
CHECKING: 0.2 with 0.1
                                                value
0.1
                 0.1
0.1
                           I can see that in my code, I had this already planned as an issue, but for some
0.3
0.1
                           reason including my documentation, I thought logic was too casual..
HEREEEEE
                           We know if k==nums.length-2 (this will be absolute last index for k)...
COUNTER IS 0-----
                           So need to evaluate in which circumstances it would be detrimental to write the
5Writing range: 0.2-> 0.
                           store...
                                                                       We know we are currently in descending sequence......
We know there is an ascending chain before
And if this is last execution, there can not be any circumstances in which it would be
detrimental to write the store in my opinion...
It does not relate list being empty or not!
   if (Math.abs(nums[k] - (nums[k+1] + difference)) <epsilon)</pre>
                       can see this line of code appears when counter!=0
                                                                                                                   This is clearly not the case when it has reached nums.length==2 otherwise it would have written the store
                    if (!isFirstOccurenceAscendingChain)
                                                                 start=String.valueOf(nums[k-1]);
                                                                 isFirstOccurenceAscendingChain=true;
          So to be safe, I need to include logic on the code below to perform action when isFirstOccurenceAscendingChain!-0 and perhaps also when sm.isEmpty()
    if (sm.isEmpty() && !isFirstOccurenceAscendingChain
    && !(potentialfurtherAscendingBeyondThisStart=="")
&& !(potentialfurtherAscendingBeyondThisEnd==""))
        sm. add (potential further Ascending Beyond This Start + "->" + nums[k]);\\
       potentialfurtherAscendingBeyondThisEnd="";
```

```
[0.1->0.2, 0.2->0.1]
```

I will need to run through several test cases for peace of mind.

On paper, it just does not seem it will interfere...

We are also breaking shortly after... So it seems totally safe option