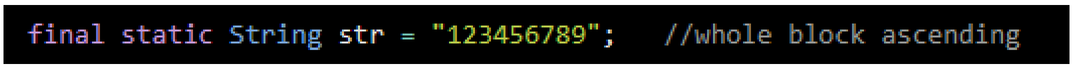
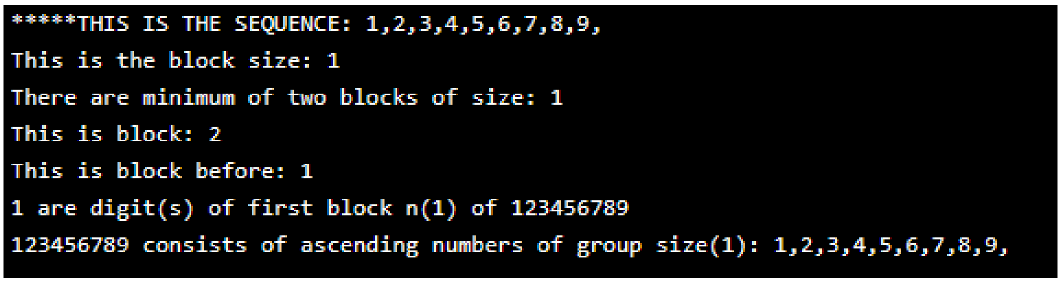
THIS IS THE TEST CASE FOR ASCENDING AND IT CAN BEE SEEN ALL PASS:

TEST CASE: PASS

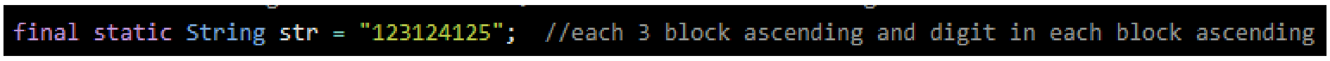


```
final static String str = "123456789";   //whole block ascending
```

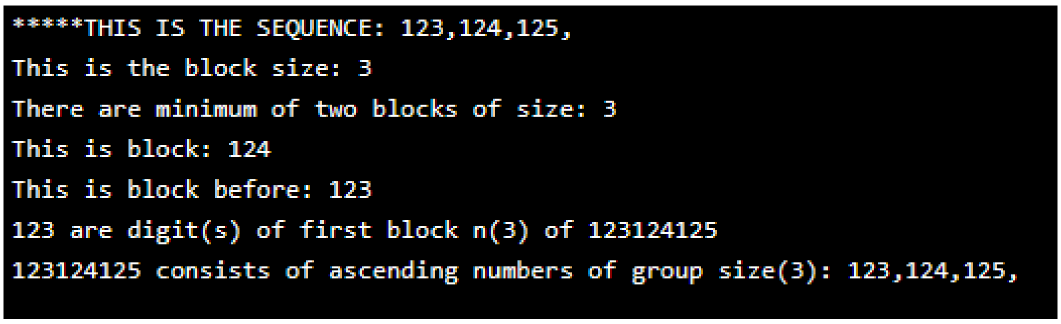


```
*****THIS IS THE SEQUENCE: 1,2,3,4,5,6,7,8,9,
This is the block size: 1
There are minimum of two blocks of size: 1
This is block: 2
This is block before: 1
1 are digit(s) of first block n(1) of 123456789
123456789 consists of ascending numbers of group size(1): 1,2,3,4,5,6,7,8,9,
```

TEST CASE: PASS

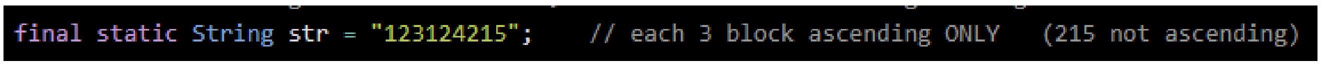


```
final static String str = "123124125";  //each 3 block ascending and digit in each block ascending
```

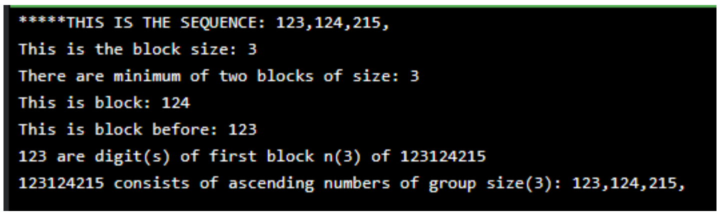


```
*****THIS IS THE SEQUENCE: 123,124,125,
This is the block size: 3
There are minimum of two blocks of size: 3
This is block: 124
This is block before: 123
123 are digit(s) of first block n(3) of 123124125
123124125 consists of ascending numbers of group size(3): 123,124,125,
```

TEST CASE: PASS



```
final static String str = "123124215";    // each 3 block ascending ONLY   (215 not ascending)
```

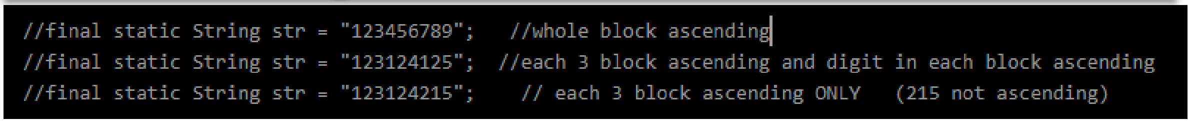


```
*****THIS IS THE SEQUENCE: 123,124,215,
This is the block size: 3
There are minimum of two blocks of size: 3
This is block: 124
This is block before: 123
123 are digit(s) of first block n(3) of 123124215
123124215 consists of ascending numbers of group size(3): 123,124,215,
```

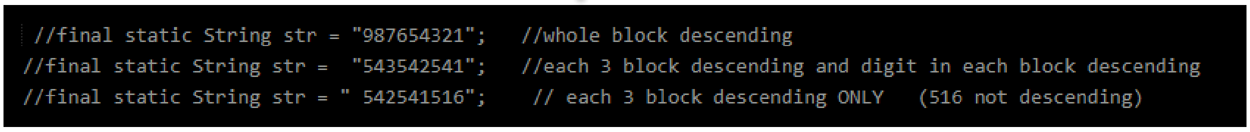
I propose following changes to make this suitable for descending numbers

This was the test case for ascending. So logic tells me to mirror exactly this as test scenario for descending blocks:

1



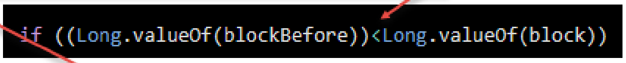
```
//final static String str = "123456789";    //whole block ascending
//final static String str = "123124125";  //each 3 block ascending and digit in each block ascending
//final static String str = "123124215";    // each 3 block ascending ONLY   (215 not ascending)
```



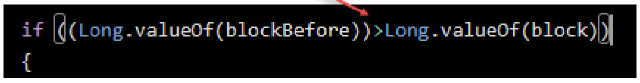
```
 //final static String str = "987654321";   //whole block descending
//final static String str =  "543542541";   //each 3 block descending and digit in each block descending
//final static String str = " 542541516";    // each 3 block descending ONLY   (516 not descending)
```

2

Change the equality symbol



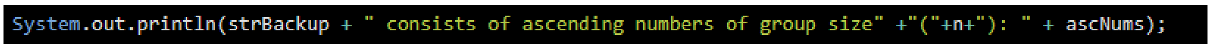
```
if ((Long.valueOf(blockBefore))<Long.valueOf(block))
```



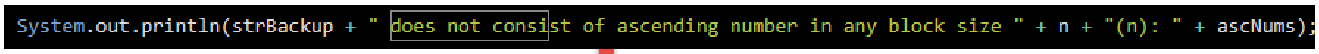
```
if ((Long.valueOf(blockBefore))>Long.valueOf(block))
{
```

3

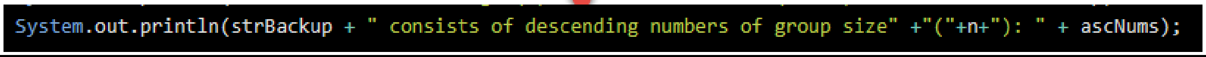
Change System.out.println()



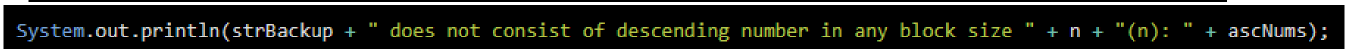
```
System.out.println(strBackup + " consists of ascending numbers of group size" +"("+n+"): " + ascNums);
```



```
System.out.println(strBackup + " does not consist of ascending number in any block size " + n + "(n): " + ascNums);
```



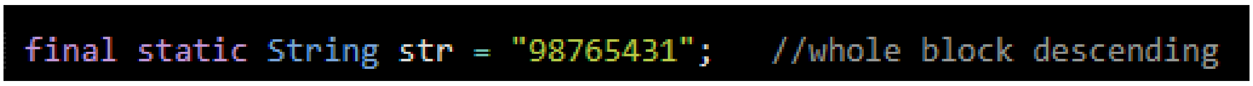
```
System.out.println(strBackup + " consists of descending numbers of group size" +"("+n+"): " + ascNums);
```



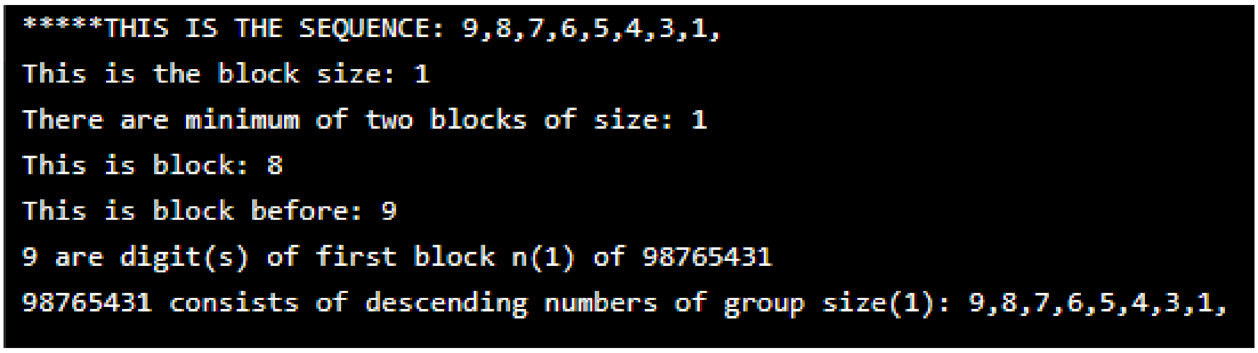
```
System.out.println(strBackup + " does not consist of descending number in any block size " + n + "(n): " + ascNums);
```

I will try the test cases again:

TEST CASE: PASS

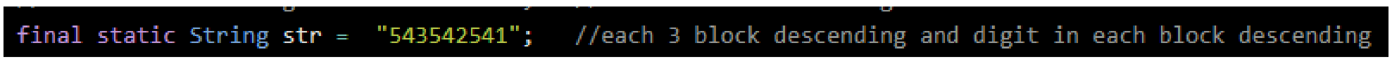


```
final static String str = "98765431";    //whole block descending
```

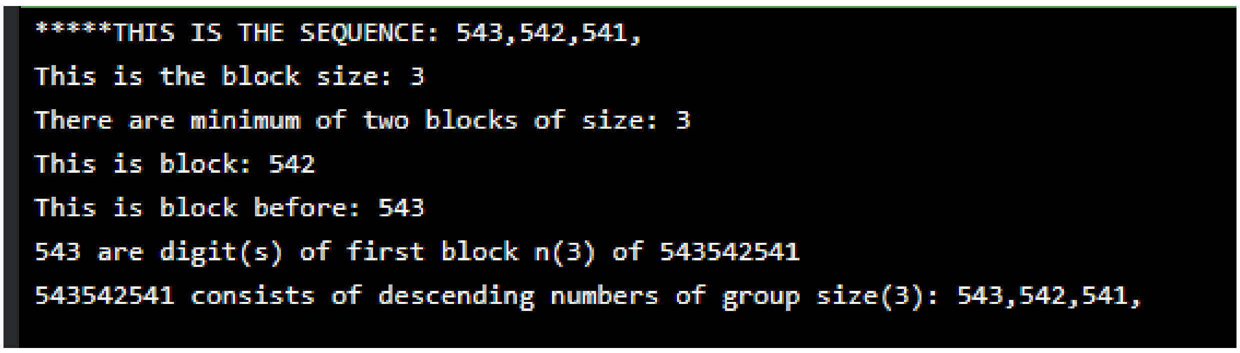


```
*****THIS IS THE SEQUENCE: 9,8,7,6,5,4,3,1,
This is the block size: 1
There are minimum of two blocks of size: 1
This is block: 8
This is block before: 9
9 are digit(s) of first block n(1) of 98765431
98765431 consists of descending numbers of group size(1): 9,8,7,6,5,4,3,1,
```

TEST CASE: PASS

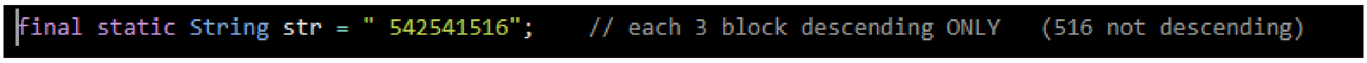


```
final static String str =  "543542541";   //each 3 block descending and digit in each block descending
```

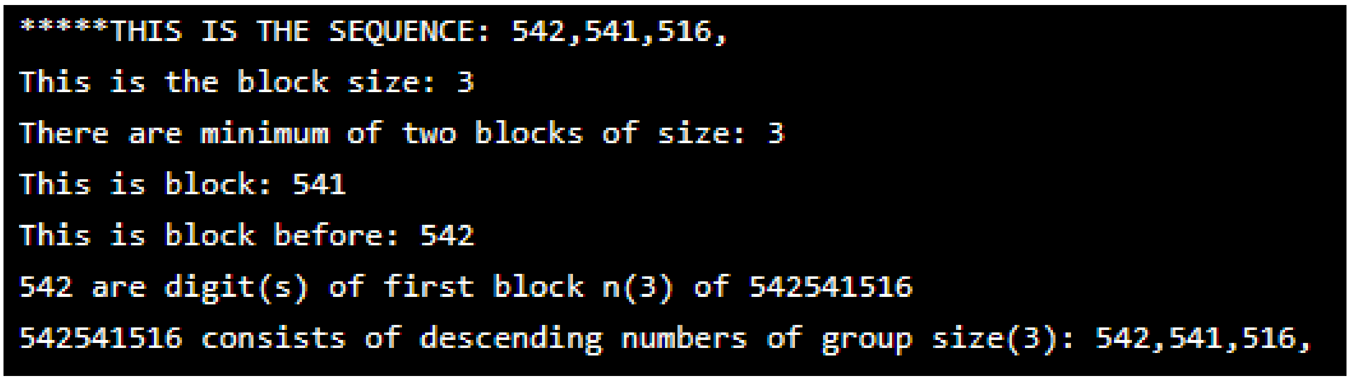


```
*****THIS IS THE SEQUENCE: 543,542,541,
This is the block size: 3
There are minimum of two blocks of size: 3
This is block: 542
This is block before: 543
543 are digit(s) of first block n(3) of 543542541
543542541 consists of descending numbers of group size(3): 543,542,541,
```

TEST CASE: PASS



```
final static String str = " 542541516";    // each 3 block descending ONLY   (516 not descending)
```



```
*****THIS IS THE SEQUENCE: 542,541,516,
This is the block size: 3
There are minimum of two blocks of size: 3
This is block: 541
This is block before: 542
542 are digit(s) of first block n(3) of 542541516
542541516 consists of descending numbers of group size(3): 542,541,516,
```

This has clearly told me that it is not a case of manipulating existing challenge.
It needs a bespoke solution for the negative descending!!