Different Output for Various Input

Case 01:-Giving +ve Input

```
Method 1 (Dynamic Programming) - Longest Increasing Subse
                                                                                [10, 22, 33, 50, 60, 80]
    public static void main(String[] args) {
                                                                                Method 2 (Brute Force) - Longest Increasing Subsequence:
       int[] nums = { 22,10, 22, 9, 33, 21, 50, 41, 60, 80 };
                                                                                [10, 22, 33, 50, 60, 80]
                                                                                The size of Longest incearing subsequence is: 6
        System.out.println("Method 1 (Dynamic Programming) - Longest Incre
        List<Integer> lisDP = findLongestIncreasingSubsequenceDP(nums);
       System.out.println(lisDP);
        Integer n = lisDP.size();
        System.out.println("Method 2 (Brute Force) - Longest Increasing Sub
        List<Integer> lisBF = findLongestIncreasingSubsequenceBF(nums);
        System.out.println(lisBF);
        System.out.println("The size of Longest incearing subsequence is: "+r
95 }
```

Case 02:-Giving Empty Input

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| Console × | Cons
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Case 03:-Giving -ve integer Input

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```

Case 04:-Type casted Input

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TongestApp.java ×

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Method 1 (Dynamic Programming) - Longest Increasing Subsequence:

[12, 33, 45]

The size of Longest incearing subsequence is : 3

The size of Longest incearing subsequence is : 3

The size of Longest incearing subsequence is : 3

The size of Longest incearing subsequence is : 3

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Method 2 (Brute Force) - Longest Increasing Subsequence:

[12, 33, 45]

The size of Longest incearing subsequence is : 3

The size of Longest incearing subsequence is : 3

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The size of Longest Increasing Subsequence is : 3

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