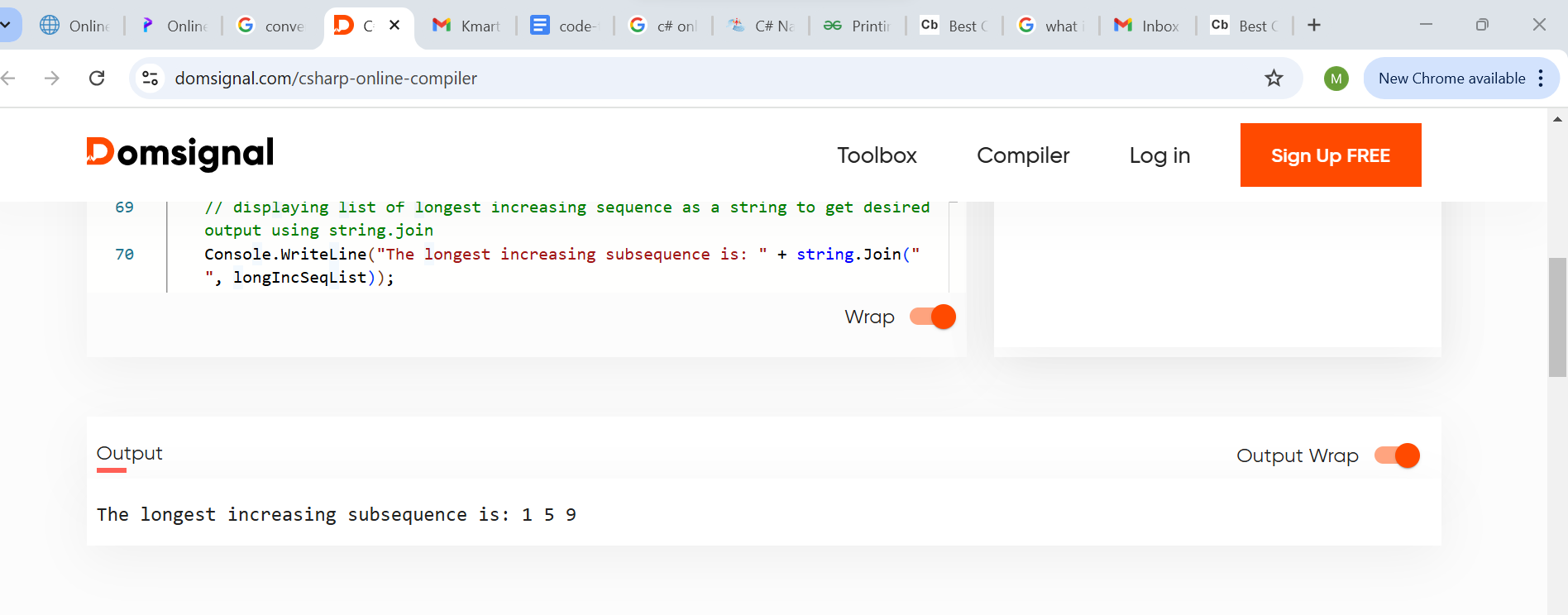
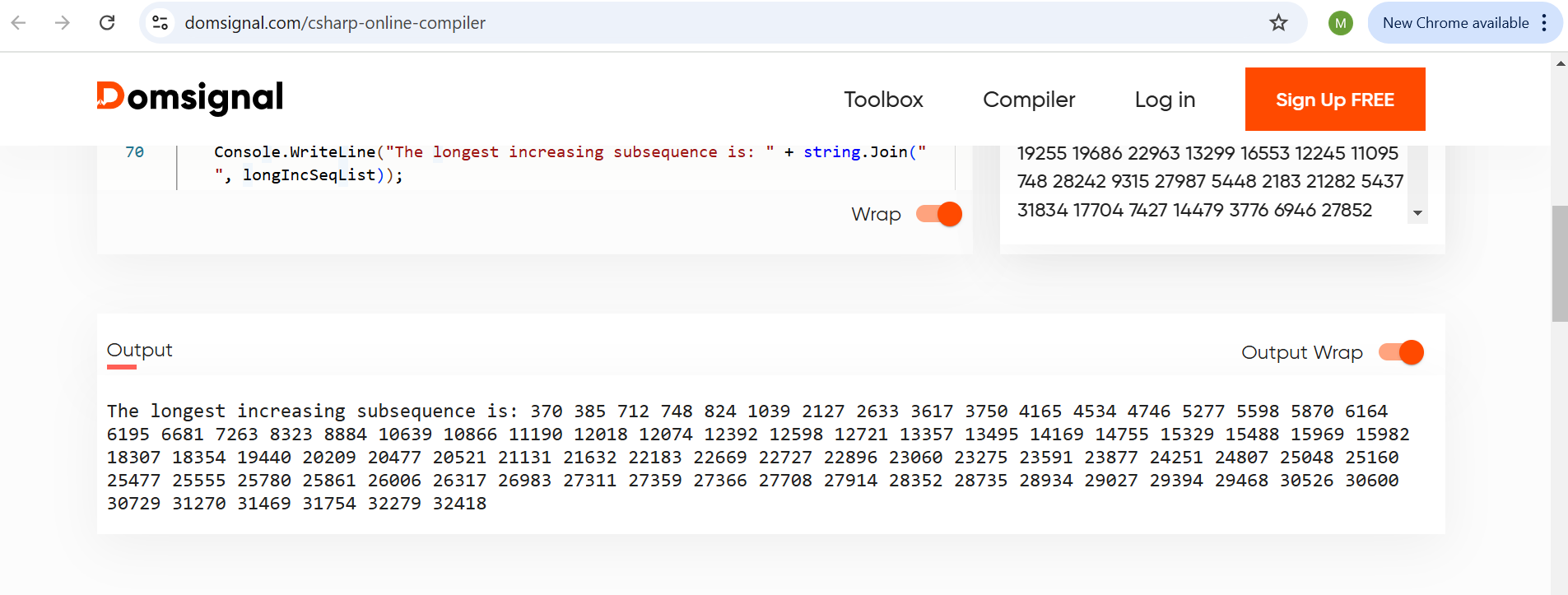
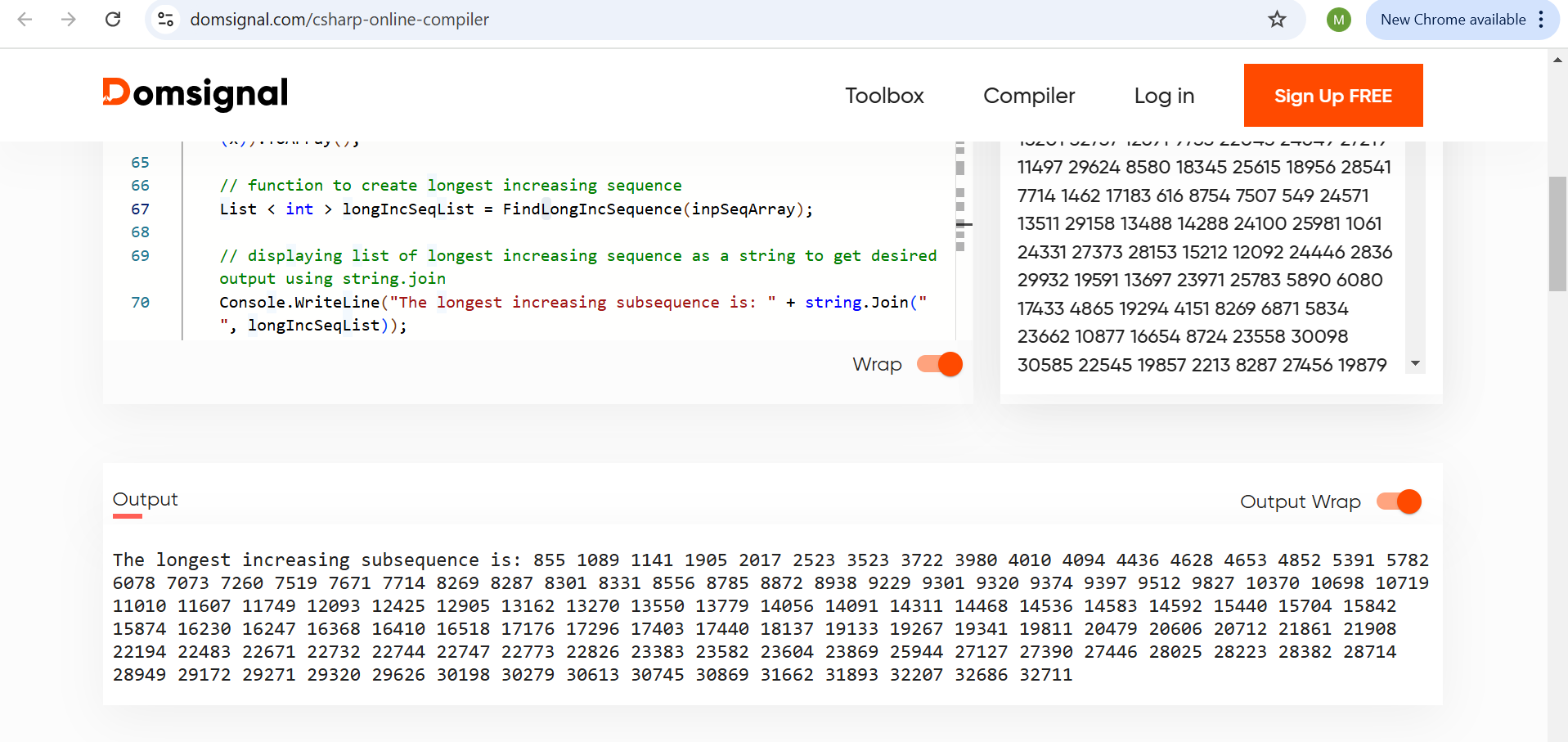
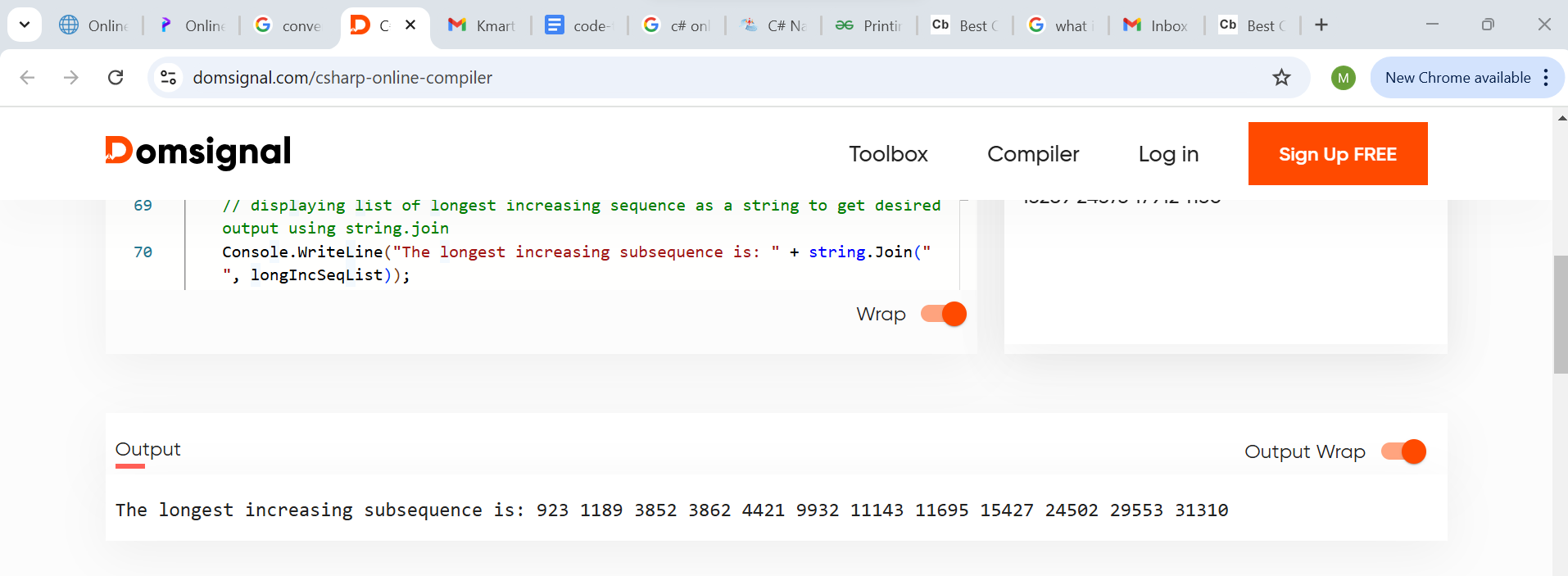
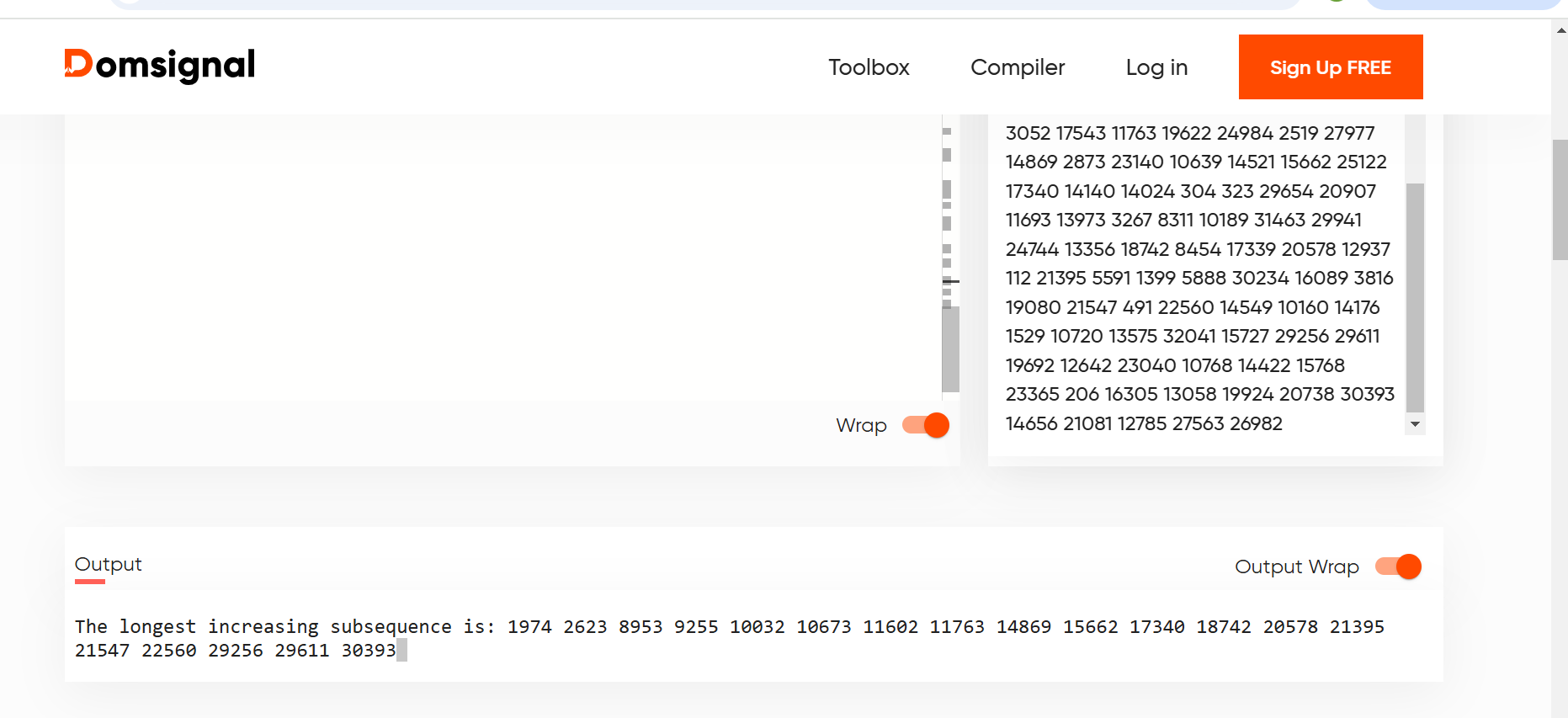
Unit test cases  
  
  
Executed unit test cases on online c# compiler. Here I am adding screenshots as well.

Test case 1  
  
  
  
  
Test case 2  
  


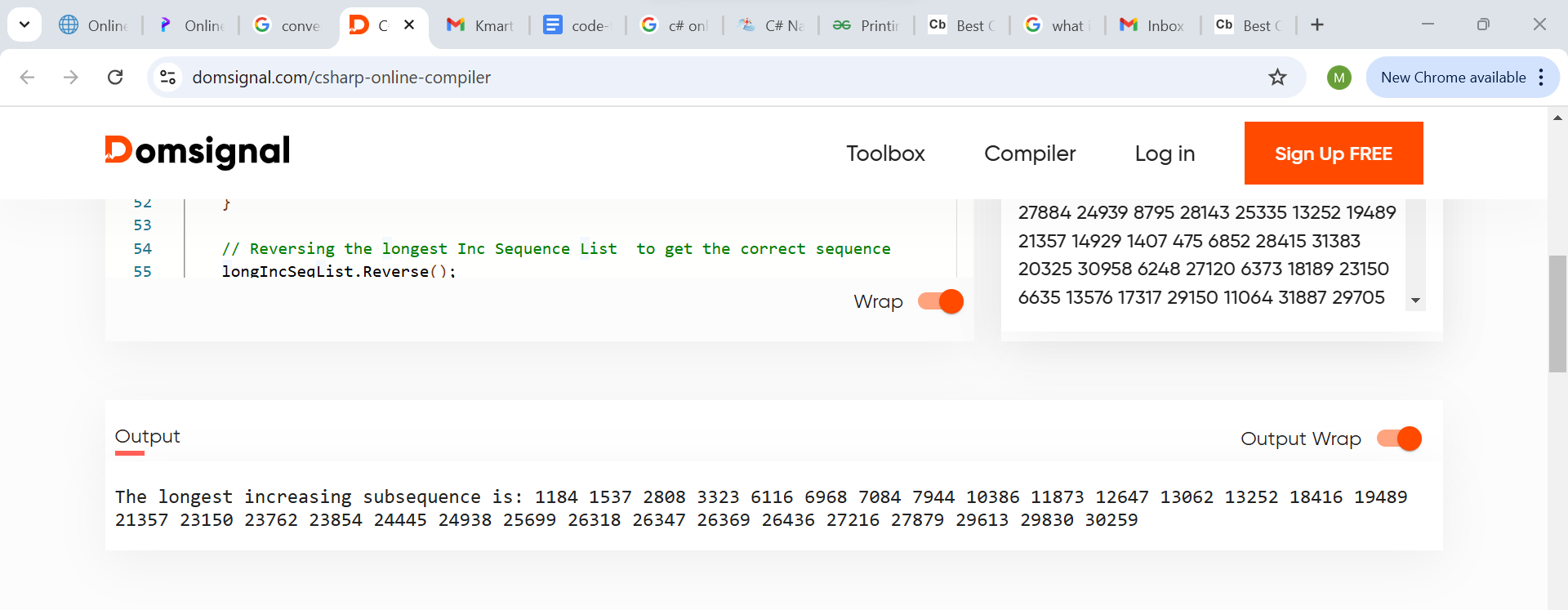
Test case 3  
  


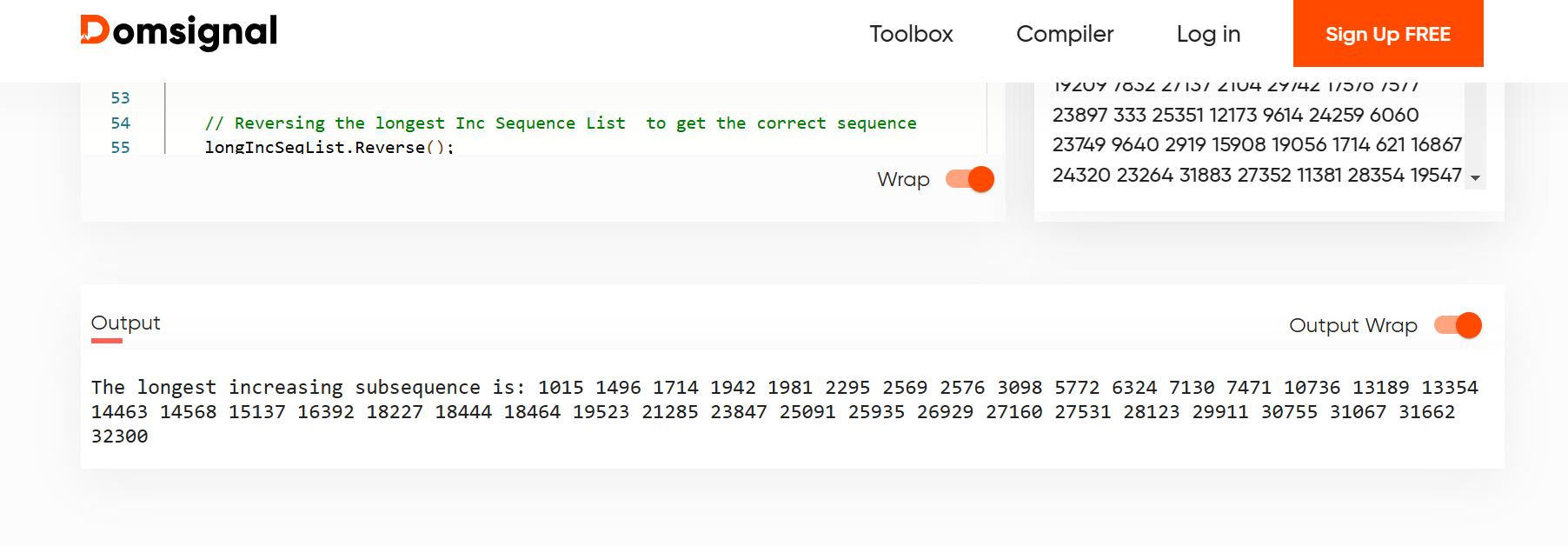
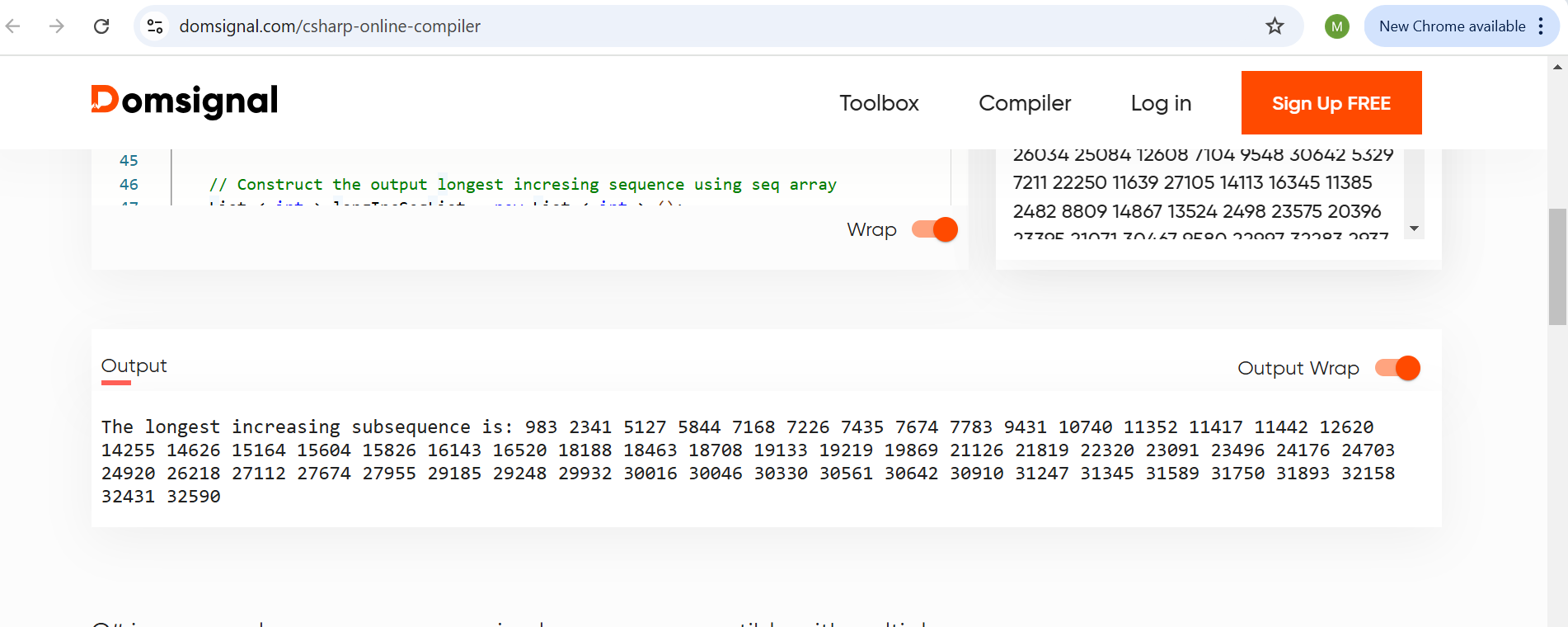
Test Case 4

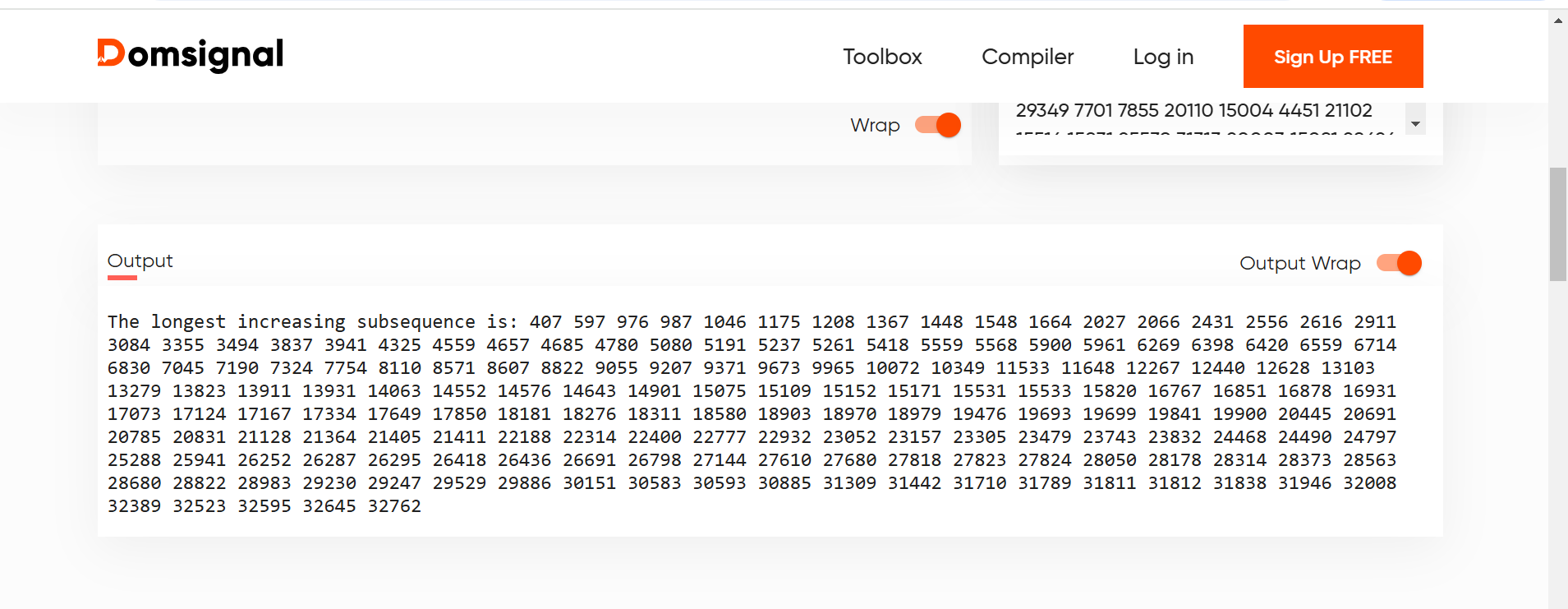


Test case 5  
  


Test case 6



Test case 7  
  
  
  
Test case 8  
  


Test case 9  
  


Test case 10