

# \* Largest Divisible Subset

1, 2, 3, 4, 5, 6, 7, 8, 9, 10  
 (1) (1,2) (1,3,4) (1,3,6) (1,7) (1,3,9)  
 (1,5) (1,2,6) (1,2,8,6) (1,5,10)

sort first

4, 5, 10, 200  
 (4) (4,5) (10) (4,5,200)

2 arrays.

1 to indicate ~~to~~ max length possible. Another to indicate previous go to index.

length 4, 5, 10, 200 max(2,3)  
 1 2 1 3  
 -1 0 -1 1

Track max length on go. Then only generate arraylist to return.