a) 
$$[10,13,3,11,6,8,9]$$
 min - Heap

 $10 -7 10 -7 10 = 3$ 
 $13 10 = 11 10 -7 11 = 6 10 -7$ 
 $13 10 = 11 10 -7 11 = 6 10 -7$ 
 $13 10 = 6 8 -7 6 8 2 -$