HW3 written 23 (9) - leaf nodes 4 a) [10, 12, 3, 11, 6, 8, 9] > 10/12/6 (first non-leaf) heapify (Z): does nothing, since 34 min {8,93; 10/3/8 heap:fy(1); 5waps 6 and 12: 10,3-8 heapifylo), swaps 3 and 10, 3/8/9 then calls heapify(2) 6/12 which swaps loand 8 ; initial config. 2 1/10

8 16 Pop: 4/6/12

9 4/16,8/16 supp 8/11 Inhert 5°, 4 - 6° 12 16\$5.8\$55542p 5 10 1950t 3? 2 3 10 3; 8,3; 4 5wap 3 4, 8 Pop 3 3 4 - 10 8.16 318,41 8 SWAP