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Dt1462

HW#4a

1) O(n)

2) O(nlogn)

3) [vector.begin(), vItr ) are the iterators that are valid. [vItr, vector.end() ) are the iterators that are invalid.

4) It prints out random shit because itr does not contain the address where the value c[0] is stored since push\_back uses the reverse function which creates a new array with elements moved over and creates new addresses for them.

5) 112 because it adds 110 to the spare capacity which is 2

6)a) A.begin(), A.begin() + 6, D. begin()

b) B.begin(), B.end()

c) B.end()

d) A.begin() , A.end(), \*vecItr

e) C.begin(), C.end(), \*vecItr

f) C.begin(), C.end()

g) B.begin() + 4, A.end(), greater<int>()

h) remove\_if (A.begin(), A.end(), equal\_to(5))