overall /\*\* Returns index j such that data[j] == val, or -1 if no such element. \*/ Claim public static int arrayFind(int[] data, int val) { **int** n = data.length;int j = 0: while (i < n) { // val is not equal to any of the first j elements of data **if** (data[i] == val)return j; // a match was found at index j // continue to next index i++;// val is not equal to any of the first j elements of data 10 return -1; // if we reach this, no match found 12 Code Fragment 4.11: Algorithm arrayFind for finding the first index at which a given element occurs in an array. subjection of the first je claim of the first j vacuously true fj: if true before, true after
In: true after, so if we get neve, valuat in data