Q1 (Page 13): Sorting + binary search takes O(nlogn), while sequential search is O(n). Why do we take the former approach?

Answer: Very good question. Here what we are showing is, searching could be made faster when things are in order: binary search O(logn) vs sequential search O(n). In addition, if we perform searching very frequently, e.g., more than n times, then sorting + binary search is a better overall option as sorting just needs one-time effort.