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2. Coord does not redefine comparison operators, so when, in insert(), value and p->m\_value are compared, there is an error because the two cannot be compared.

4b. The way I wrote listAll was by passing the subdomain and the subdomain label. If I was only able to pass the subdomain there would be no way to access the upper leaves of the higher branches of the domain, since what is being passed only has access to the members of the subdomain it is at and what it contains. With two parameters, it is possible to pass both the label of the domain and the domains from before.

5a. The time complexity is O(N^3). The outermost loop runs N times, the middle loop runs N times and the innermost loop runs at the most N times.

5b. The time complexity is O(N^3). The outermost loop runs N times, the middle loop runs a maximum of N times (i, at its max, is N), and the innermost loop also runs a maximum of N times.

6a. The time complexity is O(N^2). Each loop just runs N times. However, the functions that are called in the loop call NodeByPos, which uses a for loop that can run at most N times (the size of the sequence) essentially making it nested for loops.

6b. The time complexity is O(N). Both loops run N times. In contrast to the implementation in part a, this implementation calls insertBefore, which does not utilize a loop. This makes the time complexity for this implementation better than the one in part a.