18.9a Here I used recursion to check for the right and left section. If they were both null we returned the leaveCounter++

A screen shot of a computer code

Description automatically generated

18.9b Here I did the exact same thing as 18.9a but I just changed to have it check if either the left one was null or the right one was null

A screen shot of a computer code

Description automatically generated

18.9c Here also I just modified my code to check if both of the children were null and then added one to the counter if they were.

A screen shot of a computer code

Description automatically generated

18.10a I utitilized very similar code once again but this time I checked to see if the data in the node was evenly divisible by 2. If it was we added one to the counter. If it wasn’t we moved on.

A screen shot of a computer program

Description automatically generated

18.10b Here we just recursively went through each node and added its element to the runningSum variable. At the end we returned the total amount.

A screen shot of a computer code

Description automatically generated

Because I utilized all the same code, all these should run in just n time.

Also, I seemed to run into an issue with the tester? I cant quite figure out what is going on so I may message the professor and see what’s wrong with my methods. I believe the thought process behind all of them should work so I am not sure what is wrong.