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CPSC223

HW10

My testing strategy involved figuring out the ways that this collection needed to change from the last collection and testing for those changes.

The AVL tree was challenging, remove and add were difficult and are very large as a result of the time put into them. I struggled with working on this during finals week. Usually I have the whole week to work on it but this time I didn't. I would have started earlier if I had realized how hard it was going to be to balance it all.

	Rand-10k	Rand-20k	Rand-30k	Rand-40k	Rand-50k
Add	0.0973	0.37595	0.111467	0.13795	0.1254
Remove	6.5195	6.1925	8.071	7.012	7.3585
Find	0.157	0.018	0.016	0.024	0.033
Range	814	860	2167	2073	4208
Sort	751	1459	2022	3546	4208



