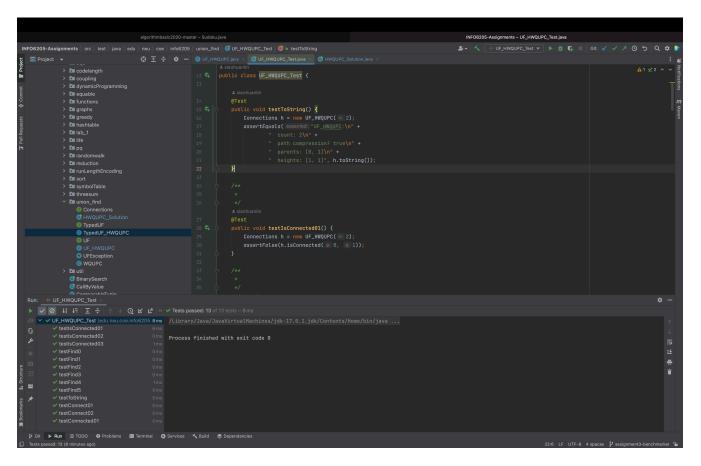
Conclusion: $m \approx 0.37 * n * lg(n)$ (lg stands for log base of 2) Unit tests:



UF client run output:

n	m(Average per run)	0.37 * n * lg(n)
1	0	0
256	779	757
512	1783	1704
1024	3846	3788
2048	8462	8335
4096	18261	18186
8192	39263	39403
16384	84655	84869
32768	179069	181862
65536	383215	387973