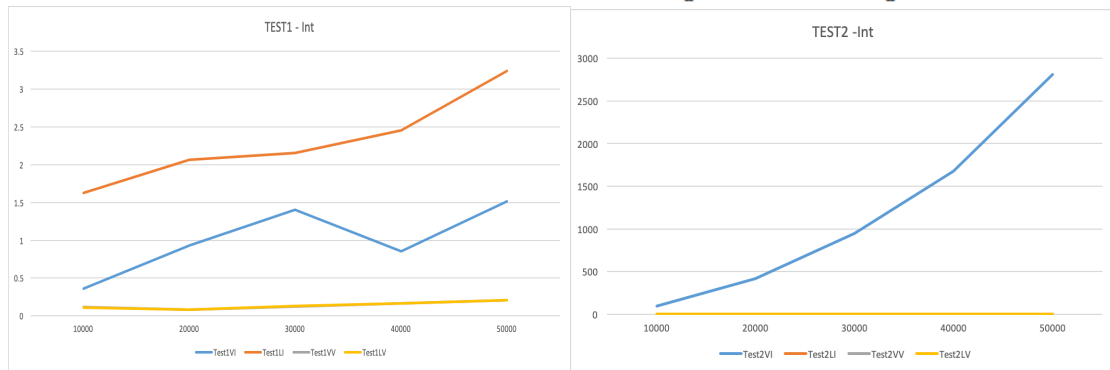Matthew Keon Hee Lee 301283427 Jan 24 2020

Test with Integer

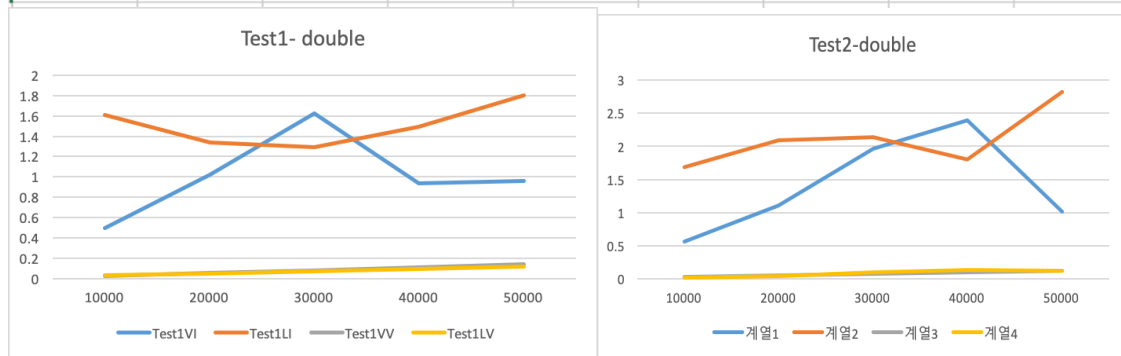| Number	Test1VI	Test1LI	Test1VV	Test1LV	Test2VI	Test2LI	Test2VV	Test2LV
10000	0.363	1.625	0.115	0.107	94.617	0.387	0.026	0.023
20000	0.930	2.063	0.084	0.084	420.774	0.803	0.057	0.054
30000	1.407	2.157	0.126	0.129	947.071	1.214	0.086	0.086
40000	0.854	2.453	0.167	0.165	1680.520	1.631	0.113	0.119
50000	1.514	3.245	0.209	0.206	2811.660	2.190	0.150	0.161

VI: Vector Insertion LI: List Insertion VV: Vector Visiting LV: List Visiting

As in the data, we can see push_front takes more time then push_back.

Test with Double

Number	Test1VI	Test1LI	Test1VV	Test1LV	Test2VI	Test2LI	Test2VV	Test2LV
10000	0.495	1.611	0.028	0.033	0.564	1.689	0.028	0.023
20000	1.025	1.337	0.056	0.047	1.11	2.09	0.055	0.048
30000	1.624	1.291	0.083	0.071	1.969	2.134	0.077	0.099
40000	0.939	1.493	0.111	0.097	2.395	1.801	0.104	0.14
50000	0.961	1.798	0.138	0.12	1.013	2.82	0.129	0.118

Since Double have more bit, more data space cause to have taken less time in push_front.