

Derek Trom  
HW4

Average for Static(given chunk,thread)

S 1,1	S 1,4	S 1,8	S 4,1	S 4,4	S 4,8	S 8,1	S 8,4	S 8,8
74.4958	18.7438	9.89113	72.8726	13.4904	8.92698	37.2373	13.8289	9.23468
73.5257	18.784	9.9387	74.4653	15.8457	8.93551	32.265	15.9056	9.25752
73.2648	18.9052	9.68793	74.2041	13.3101	9.27064	37.042	12.996	9.2034
74.2156	19.2428	9.87083	73.4151	16.3929	9.34476	31.7163	16.2708	9.15318
73.6765	18.751	9.71805	36.8634	13.7432	9.25655	37.3364	13.8572	9.35219
73.8357	18.8854	9.82133	66.3641	14.5565	9.14689	35.1194	14.5717	9.24019

Average for Dynamic(given chunk,thread)

D 1,1	D 1,4	D 1,8	D 4,1	D 4,4	D 4,8	D 8,1	D 8,4	D 8,8
74.0397	18.4612	9.83765	73.2447	18.6805	9.66423	74.3584	18.9797	9.79057
74.1636	18.7164	9.6765	73.8535	18.4216	9.78551	74.1217	19.0411	9.72428
73.6941	18.9054	9.68125	74.748	18.7768	9.66214	74.3363	18.8157	9.92841
74.4788	19.087	9.74855	73.022	18.6829	9.78434	73.9779	19.0217	9.71192
73.0767	19.034	9.71002	73.8356	18.5344	9.83335	73.9784	18.861	9.68253
73.8906	18.8408	9.73079	73.7408	18.6192	9.74591	74.1545	18.9438	9.76754

Speed up:

73.8357	18.8854	9.82133	66.3641	14.5565	9.14689	35.1194	14.5565	9.24019	73.8357	18.8854	9.73079	73.7408	18.6192	9.74591	74.1545	18.9438	9.76754
73.8357	73.8357	73.8357	73.8357	73.8357	73.8357	73.8357	73.8357	73.8357	73.8357	73.8357	73.8357	73.8357	73.8357	73.8357	73.8357	73.8357	73.8357
1	3.92	7.53	1.11	5.069	8.07	2.10	5.07	7.99	0.999	3.92	7.59	1.001	3.97	7.58	0.996	3.89	7.56

The fastest speed up was the static, chunk = 4,team = 8. The largest would be about 2200 or so if you compare them. I would say that the chunk size made more of a difference with the given size of this problem for improving speedup.