				Experimen								
Machine: Core is	, 2.80Ghz, 2	Physical core,	4 Hyperthrea	d Core , GPU	GTX 970 1664	4 cores . All time in	milliseconds (ms)					
input=1,000	Serial	Pthread 2	Pthread 4	Pthread 8	GPU							
Run 1	33.642167	26.287555	17.18987	15.540356	3.730464							
Run 2	33.205408	22.419374	17.298464	18.152693	3.712							
Run 3	35.080767	25.929783	16.957508		3.821952							
Run 4	33.177066	21.480083	19.785387	14.37834	3.866592							
Run 5	32.017051	26.193844	15.165503		3.428352							
			17.2793464									
Mean	33.4244918	24.4621278	17.2793464	16.3238446	3./110/2							
		Dut	Dut	Dut	GPU							
#input=10,000	Serial	Pthread 2	Pthread 4	Pthread 8								
Run 1	270.610399	148.326208	98.982759	93.09074	17.030176							
Run 2	268.422632	147.856858	85.747665	90.68651	16.402399							
Run 3	272.398136	145.685706	92.66219	99.219299	15.215648							
Run 4	271.222387	148.976816	93.256223	88.249664	17.520737							
Run 5	270.25318	152.851463	86.906428	86.821368	16.882912							
Mean	270.5813468	148.7394102	91.511053	91.6135162	16.6103744							
input=50,000	Serial	Pthread 2	Pthread 4	Pthread 8	GPU							
Run 1	1351.812229		421.071837	418.01487	69.351456							
Run 2	1346.709902		426.203855		67.292641							
			415.407961									
Run 3		733.759453		421.483178								
Run 4		729.662076	425.868375	421.792552								
Run 5		732.260627	425.691814	421.62687	65.743294							
Mean	1351.343355	731.6499642	422.8487684	420.2240658	66.5534784							
input=100,000	Serial	Pthread 2	Pthread 4	Pthread 8	GPU							
Run 1	2701.603208	1451.959581	835.264227	827.145047	132.389862							
Run 2	2710.309104	1454.027759	837.930077	828.809492	120.657539							
Run 3	2691.886186	1459.54465	838.742832	829.437932	121.672737							
Run 4		1459.324089		823.300634								
Run 5		1447.370908			139.69101							
Mean	2702.541094	1454.445397	030.949/020	830.068345	127.0055956							
#input=500,000	0	Pthread 2	Pthread 4	Pthread 8	GPU							
Run 1				4103.604001								
Run 2				4123.27049								
Run 3				4102.796956								
Run 4	13544.03037	7241.163086	4116.7331	4098.506002	587.03772							
Run 5	13552.59027	7242.253708	4123.119892	4104.858378	590.405762							
Mean	13508.49894	7248.142384	4121.392668	4106.607165	591.2985962							
#input	Serial	Pthread 2	Pthread 4	Pthread 8	GPU	Speed Up/Serial	Speed Up/P2	Speed Up/P4	Speed Up/P8			
1,000	33.4244918	24.4621278	17.2793464	16.3238446	3.711872	9.004753343	6.590240127	4.655156859	4.397739092			
10,000		148.7394102			16.6103744	16.28990053	8.954609127	5.509270941	5.515439568			
50,000				420.2240658		20.30462401	10.99341435	6.353518683	6.314081186			
										01	The leaf word	20.51
100,000			836.9497828			21.26551858	11.44461251	6.585717121	6.531569066	Oberservation:		
500,000	13508.49894	/248.142384	4121.392668	4106.607165	591.2985962		12.25800709	6.970070104	6.945064967	increase in runti		
Mean Speed Up						17.94205485	10.04817664	6.014746742	5.940778776	as it causes are		e in runtime ir
										case of GPU co	ae.	
	Results without KDF											
input	Serial	Pthread 2	Pthread 4	Pthread 8	GPU	Speed Up/Serial	Speed Up/P2	Speed Up/P4	Speed Up/P8			
1,000	28.7233906	18.4546514	16.5494574	14.1875924	1.199744	23.9412663	15.38215769	13.79415725	11.82551644			
0,000	230.7580374	125.341797	79.74304	81.7600402	3.188224	72.37823861	39.31398703	25.01174322	25.6443839			
50,000	1152.751479	607.3008118	370.68097	371.2963894	12.0005696	96.05806369	50.60599889	30.88861465	30.93989717			
100,000			736.6673772		21.1937218	108.7997988	57.01793609	34.7587547	34.43930971			
				3617.219857		118.9568062	61.9370687	37.2886414	37.31312289			
		0004.341134	0017.040004	0011.21900/	30.5422974							
500,000 Mean Speed Up						84.02683473	44.85142968	28.34838224	28.03244602			