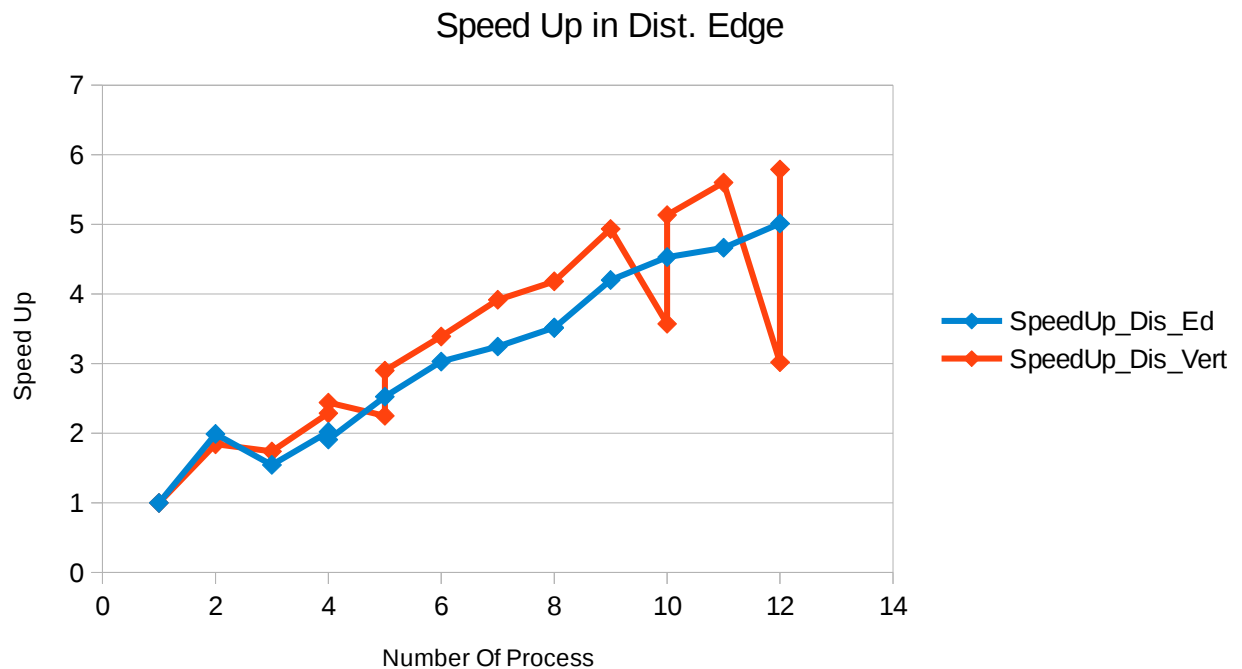
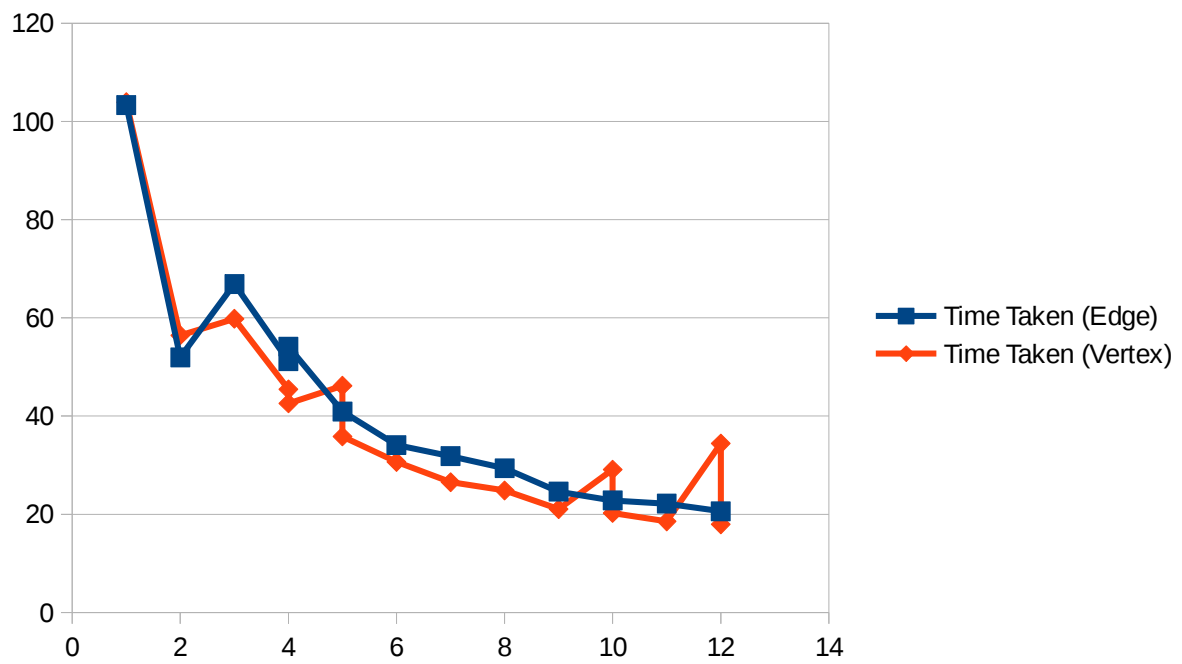
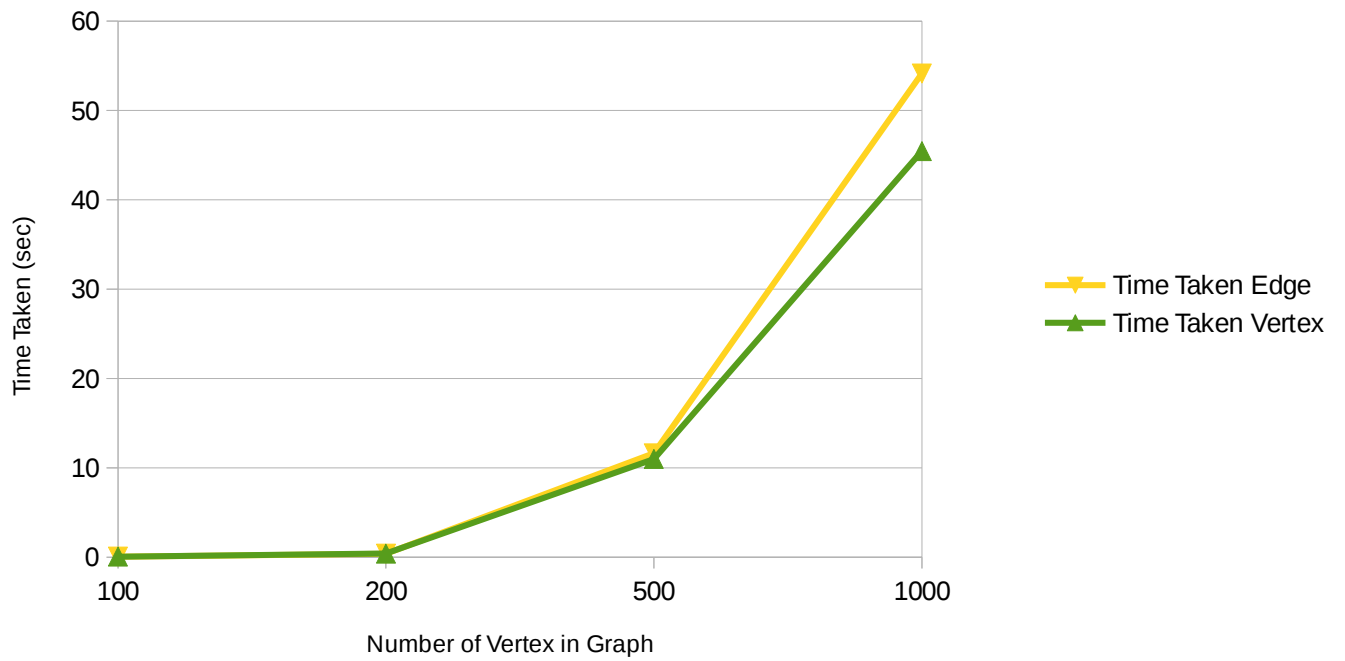


Distributed Edges				
Number_Vertex	Number_Nodes	Number_Process	Time Taken	SpeedUp_Dis_Ed
100	1	1	0.121834	1
100	1	2	0.0729527	1.6700409992
100	1	3	0.0565796	2.153320278
100	1	4	0.0520754	2.3395691632
200	1	1	1.17443	1
200	1	2	0.637157	1.8432348699
200	1	3	0.458035	2.5640616983
200	1	4	0.382363	3.0715053496
500	1	1	25.2122	1
500	1	2	20.6684	1.2198428519
500	1	3	14.6997	1.7151506493
500	1	4	11.6285	2.1681386249
1000	2	8	29.3808	3.5179436911
1000	2	7	31.8458	3.2456399274
1000	2	6	34.1069	3.03047184
1000	2	8	29.4299	3.5120744549
1000	2	5	40.9245	2.5256264585
1000	2	4	51.1575	2.0204271123
1000	1	1	103.36	1
1000	1	2	51.9623	1.9891344302
1000	1	3	66.8926	1.5451634411
1000	1	4	54.1489	1.9088107053
1000	3	12	20.6201	5.012584808
1000	3	11	22.1579	4.6647019799
1000	3	10	22.8185	4.529657953
1000	3	9	24.6033	4.2010624591

Distributed Vertex					
Number_Vertex	Number_Nodes	Number_Process	Time Taken	SpeedUp_Dis_Vert	
100	1	1	0.122994	9.4973738556	
100	1	2	0.0757647	15.4177341163	
100	1	3	0.05828	20.0432395333	
100	1	4	0.0560358	20.8459591904	
200	1	1	1.16812	1	
200	1	2	0.637397	1.8326411954	
200	1	3	0.474555	2.4615060425	
200	1	4	0.402175	2.9045067446	
500	1	1	25.3512	1	
500	1	2	19.2498	1.3169591372	
500	1	3	13.8193	1.8344778679	
500	1	4	10.9877	2.3072344531	
1000	1	1	103.932	1	
1000	1	2	56.4563	1.8409282932	
1000	1	3	59.8163	1.7375197062	
1000	1	4	45.4597	2.2862447398	
1000	1	5	46.18	2.2505846687	
1000	2	4	42.5874	2.4404401302	
1000	2	5	35.8472	2.899305943	
1000	2	6	30.6641	3.3893706321	
1000	2	7	26.53	3.9175273276	
1000	2	8	24.8528	4.1819030451	
1000	2	10	29.1001	3.5715341184	
1000	2	12	34.4201	3.0195147603	
1000	3	12	17.956	5.7881488082	
1000	3	11	18.5523	5.6021086334	
1000	3	10	20.245	5.1337120277	
1000	3	9	21.0596	4.9351364698	



Comparison Between Edge vs Vertex Distribution



N_Vertex	N_Edge	Time_Taken	Time/D_K (EDGE)
148	2132	0.167305	0.0011304392
120	2160	0.092303	0.0007691917
120	2160	0.092303	0.0007691917
119	2212	1.2912	0.0108504202
120	22399	2.8098	0.023415
120	22399	2.8098	0.023415
119	43888	2.74459	0.0230637815
148	54507	3.11747	0.0210639865
119	59880	3.20914	0.026967563
120	60379	3.04404	0.025367
120	60379	3.04404	0.025367
148	74351	3.90009	0.0263519595

N_Vertex	N_Edge	Time_Taken	Time/D_K (VERT)
124	1762	0.106953	0.0008625242
124	2279	0.116272	0.0009376774
124	2313	1.26674	0.0102156452
124	23327	3.24698	0.0261853226
124	41615	1.78274	0.0143769355
124	45715	2.67493	0.0215720161
124	45723	2.49763	0.0201421774
124	62375	3.12182	0.0251759677
124	62375	3.14535	0.0253657258
124	62375	3.09169	0.0249329839
124	62375	3.29596	0.0265803226

