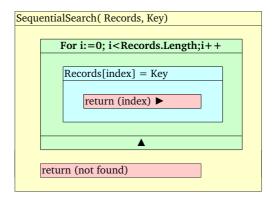
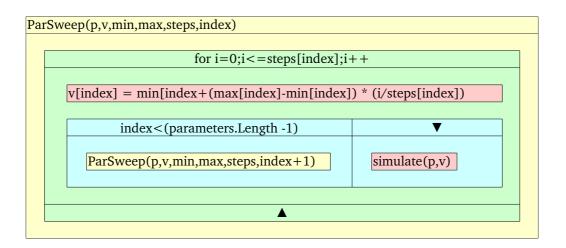
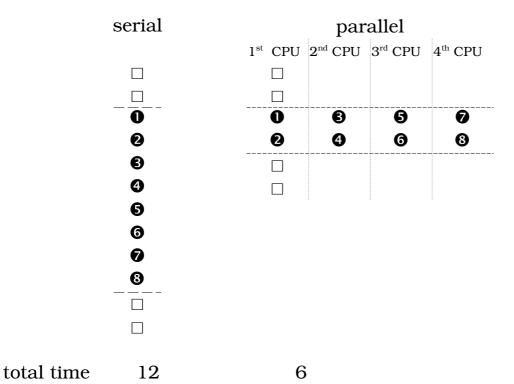


```
int function SequentialSearch(Array Records, int Key)
{
    for (int index=0;i<Records.Length;i++)
    {
        if (Records[index]=Key)
        {
            return (index)
        }
    }
    return(not found)
}</pre>
```







	mysinc MatejakAB201 Meurs Hummod Hummod 10 Hummod 20	73	ralelizable 20 197 116 721243 193703 845454 430076		fraction alpha 0.726027397 0.066350711 0.016949153 0.00057368 0.000990227 0.002904765 0.005625316	15.07142857 59 1743.13285 1009.869792 344.2618758
nove mereni	ga na physiome	, worker na meta	cloudu			
	Hummod 1 Meurs	1217208 104557	1215144 104328		0.001695684 0.002190193	
	hummod	112776				
_		T1 T2			T4	
nove mereni		, worker na meta		•		gaoverhead
	Hummod	4639676	4639265	4618282	4616566	411
	Meurs	661817	661490 17610	634694	634457	327
	MatejakAB201	17868	17010	1399	1123	258
nove mereni	ga na physiome	, worker na physi	iome gen. 10	0 population 1	120	
		T1 T2	Т	.3	T4	gaoverhead
	MatejakAB201		2373	1228	1149	520
	Hummod	6463217	6460937	6451079	6458253	2280
	Meurs	699631	699228	697907	696948	403
protokol pro t	est na 16 proce	sorovych strojich				
į	5 5	80				
2*3	6	96				
-	7 7	112				
2*2*2	8	128				
3*3*3	9	144				
2*5	10	160				
2*2*5	20	320				
2*3*5	30	480				
2*2*2*5	40	640				
spolecny jme						
pofdle gustaf	sona 640 popula	ation, 20 generati	ons			

pofdle gustafsona 640 population, 20 generations

	T(80)	T2(80)	beta	S(80)	S(160) theoret
HumMod	544539	542192	0.004310068	79.65950465	159.3146992
Meurs	90991	. 88685	0.025343166	77.9978899	155.9704366
MatejakAB20	11378	8875	0.219985938	62.62111092	125.0222359
pofdle gustafsona 640 popu	ıl₁T(160)	T2(160)	beta	S(160)	S
hummod	286657	284277	0.008302606	158.6798857	161.8546207
meurs	96000	95000	0.010416667	158.34375	68.93927083
	151282	147324	0.02616306	155.8400735	

s40 T(40) S(40)

37.518817855915220.5776305136.8521782713214.6602636

overhead in %Networ	k over	Network over	simulation in	alpha	S	T(10)
8.8584E-005	20983	0.004522514	0.995019049	8.8584E-005	11288.74939	466241
0.000494094	26796	0.040488534	0.958659267	0.000494094	2023.905199	75938
0.014439221	16211	0.907264383	0.062849787	0.014439221	69.25581395	2386

gaoverhead% network	overh	Network over	simulation%	alpha	S	T2	
0.17974421	1145	0.395782924	0.397165572	0.17974421	5.563461538		1510
0.000352766	9858	0.001525247	0.999231961	0.000352766	2834.744298		
0.000576018	1321	0.001888138	0.996165121	0.000576018	1736.057072		

h

64 population 20 generations hummod 16 pop 20 generations

 S(80) podle amdahl
 T(1)
 T2(1)
 S(80)

 85.20374115
 34840000
 34744960
 63.98072498

 72.73433636
 5089230
 5066250
 55.93113605

 15.70399016
 189860
 186750
 16.68658815

S(160) 121.5389821 53.0128125 12.55007205

S(10)	T(20)		S(20)	T(30)		S(30)	T(40)	S(40)
9.951239809		226941	20.44441507		187049	24.804602		130999 35.41764441
8.715228212		39930	16.57443025		27091	24.4294046		22333 29.63403931
7.48868399		1512	11.81746032		1431	12.48637317		1160 15.40344828

S2 T3 S3 T4 S4 1.91589404

T(50)	S(50	0) T	(60)	S(60)	T(80)		S(80)	Serialcomp =
	110978 41.	80716899	93110	49.83005048		66885	69.36795993	4618693
	20112 32.	90657319	17123	38.65076213		15121	43.76807089	635021
	1138 15.	70123023	1213	14.73042045		1121	15.93933988	1657

Serialcomp = | serialspeedup Processorneeded p >= (1-alpha)/((T1-N3)/T1 - alpha) 1.00454306 1.004543464 1.04219703 1.04221877 10.78334339 12.58756254

serialspeedup Processorneeded p >= (1-alpha)/((T1-N3)/T1 - alpha) 1.655034325 1.932410423 1.001527577 1.001528116 1.00189171 1.001892802