The 4 criteria listed is used to evaluate the execution of computing 256 clusters and 1024 clusters (total - 40 points)

1. Single-threaded runtime performance (2 points)
2. Parallel runtime performance (8 points)
3. Total obtained loss, needs to be low (2 points)
4. Clustering correctness verification, the assigned medoid for a given data point is expected to be the lowest in distance in comparison to all other computed medoids (8 points)

The above gives a total of 40 points.
Code and writeup is also evaluated (10 points). This brings a total of 50 points.
Both OpenMP and Pthreads algorithms are evaluated as described above. This gives a total of 100 points.
Note: if the execution results in incorrect results, then speedup cannot be fairly evaluated.

총점 : 58점

	OpenMP (50)		
	1024 clusters (20)		
	runtime performance		total loss
x500	1 thread (5)	16 threads speedup (15)	16 threads (5)
Max POINTS	2	8	2
joo00032	2	2	2

	256 clusters (20)		
clustering verification	runtime performance		total loss
16 threads (15)	1 thread (5)	16 threads speedup (15)	16 threads (5)
8	2	8	2
8	1	2	2

clustering verification	
16 threads (15)	**comments**
8	
8	Load imbalance is not handled, multiple if's inside the update_medoids function should be avoided. (-2) Really long single-threaded runtimes which need to be improved. Report does not contain 1024 clusters runtimes. (-1)

			Pthreads (50)
			1024 clusters (20)
			runtime performance
code + writeup (10)	**Total (50)**		**1 thread (5)**
10	50		2
7	34		1

			256 clusters (20)
	total loss	**clustering verification**	**runtime performance**
16 threads speedup (15)	**16 threads (5)**	**16 threads (15)**	**1 thread (5)**
8	2	8	2
2	2	8	1

	total loss	**clustering verification**
16 threads speedup (15)	**16 threads (5)**	**16 threads (15)**
8	2	8
2	0	0

comments	**code + writeup (10)**
	10
Program has been running for 24 hours at this time, cannot generate output, and thus, unable to verify correctnes. Reported runtimes does not match the observed runtimes. (-2)	8

Total (50)		**Full Score**
50		100
24		58