Evaluation of Project 1

1. Core functionalities (10 values)
   a. CUDA implementation of the BMU computation (4 values)
   b. CUDA implementation of the neighborhood computation (3 values)
   c. CUDA implementation of the map update (3 values)

2. CUDA implementation of the Cosine distance (2 values)

3. Optimizations
   a. Optimize the memory access pattern in the distance kernel (2 values)
   b. Increase parallelism in the implementation of the distance kernel (2 values)
   c. Use CUDA streams to overlap computation with communication (2 values)
   d. Any other relevant optimization (up to 2 values)

4. Report (5 values)
   a. Solution presentation (2 values)
   b. Evaluation report
      i. Speedup against sequential version (1.5 values)
      ii. Breakdown of the speedups per kernel (1.5 values)