Nearest One

• Describe how you solved this problem.

· I first find the prefix sum for each of the bits in the array,

. Then I compacted the the prefix sums of the bits of the array. Next I create a thread for each of the Hems in that prefix som and set the compacted values

• Copy the sections of parallel code that are new for this problem (i.e., do not include any code from previous problems) below – this should represent your implementation of the description provided above.

· omp_set_num_threads(8); //opens 8 threads

· # pragma omp parallel private (j)

. }

· j= omp_get_thread_num();

· output[j] - compacted = prefix[prefix sum[j]-];

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• Describe another way to solve this problem (do not include any code).

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