nstructions

The following is a pure Python implementation of a very cool probabilistic data structure called HyperLogLog:

https://github.com/svpcom/hyperloglog

(Some research paper are linked at the bottom of the webpage in case you are interested in understanding how it works.)

Your task for this HW is to optimize the get_nearest_neighbors function in the file hll.py.

As usual, you can do this HW in teams of size up to 3.

Please submit a single modified hll.py file that implements the changes.