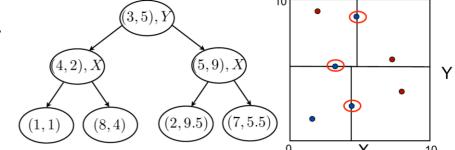
Problem: given a sample set , find the k-NNs of test point .

Choose dimension (e.g., longest hyperrectangle).

Building the tree: for each non-leaf node

- Choose median as pivot
- Split node according to (pivot, dimension).



Balanced tree, binary space partitioning.