

Quiz

CSC222 Geographic Information Systems

06 November 2014

Select one of these data structures or algorithms. Learn something about how it is used and how it works. Tell the rest of us.

1 Data Structures

- binary heap
- binary search tree
- hash table
- linked list

2 Algorithms

- barycentric coordinates test if point is inside a triangle
- binary search
- Cohen-Sutherland algorithm for clipping
- Dijkstra's algorithm for finding shortest paths
- flood fill algorithm
- Fortune's algorithm for constructing a Voronoi diagram
- Kruskal's algorithm for finding a minimum spanning tree
- Prim's algorithm for find a minimum spanning tree
- quicksort