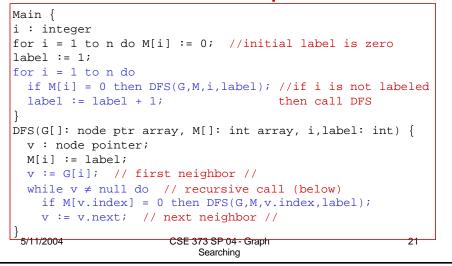
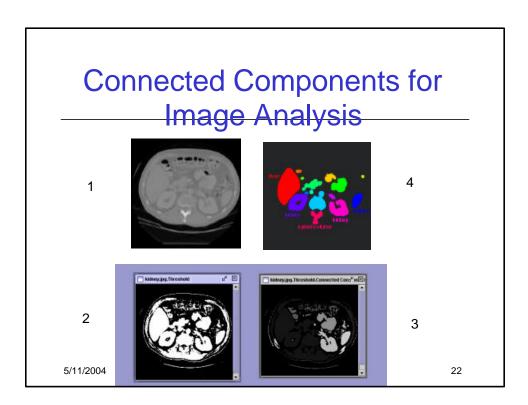
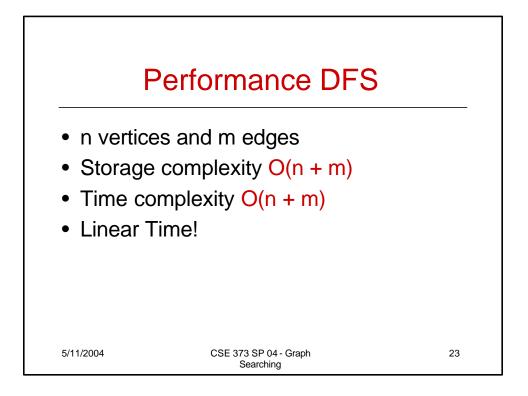


Depth-first Search for Labeling Connected components







	BFS Initialize Q to be empty; Enqueue(Q,1) and mark 1; while Q is not empty do i := Dequeue(Q); for each j adjacent to i do if j is not marked then Enqueue(Q,j) and mark j; end{BES}	<u>1</u>
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