BFS VS DFS - True of space complexetting Breadth - frist Search (BFS) . Exploration: which cheaks the graph by level and it 8 used Quene (FIFO) data smulture The complexisting: visikng all vertices 70 (N) Exploring all edges ~ O(E) total = O(N+E) space complexity Quene may hold up to O(N) nodes 3 n the worst care Graph storage (adjacenty 1157) = 0 (NAE) Overall = O(N+E) Depth First Search (DFS) Exploration: Goes dep along one path, then then comes back to explore alternatives It uses stack or recursion stack I'me complexity! Visiting all vertices > 0(N) Exploring all eolges ~ O(E) 10tal = 0 (N+E)