HyperRingGraph

- create_hyper_ring_graph(n: int, max_edges: int): Graph
- create_connectivity_matrix(G: Graph): DataFrame
- perform_dfs_from_matrix(matrix: Array): Array
- perform_bfs_from_matrix(matrix: Array): Array
- animate_search(matrix: Array, traversal_order: Array, algorithm: String): void
- main(): void

Maze

- generate_maze(rows: int, cols: int): (Graph, List, List)
- display_maze(maze: Graph, rows: int, cols: int): void
- create_connectivity_matrix(maze: Graph): DataFrame
- perform_search(G: Graph, algorithm: String): List
- main(): void