The connected components of a graph can be found using either depth-first search (DFS), or breadth-first search (BFS). We start at an arbitrary vertex, and visit every vertex connected to it recursively. Once this search has finished, we increment a count variable which is initially at 0. After this, we choose another unvisited vertex (if any) and perform the same search starting from it, incrementing count when all connected vertices have been visited. This process continues until all vertices have been visited, at which point count holds number of components.