Connected Graph:

In undirected graph, each node connected to every node by path then this graph is called connected graph. We can find given graph is connected or not using simple DFS or BFS starting from any point. We DFS or BFS include all nodes then given graph is connected otherwise not connected.

Strongly connected Graph (SVG):

Strongly connected Graph is similar as connected graph but this term use for directed graph. If we can reach each node to every node in directed graph then this graph is called strongly connected graph.

We cannot easily find given graph is SVG or not. We need some special algorithms to find it. Some algorithms are shown below:

http://www.geeksforgeeks.org/connectivity-in-a-directed-graph/

http://www.geeksforgeeks.org/tarjan-algorithm-find-strongly-connected-components/

http://www.geeksforgeeks.org/strongly-connected-components/

https://www.hackerearth.com/practice/algorithms/graphs/strongly-connected-components/tutorial/

Problems:

https://www.hackerrank.com/contests/world-codesprint-11/challenges/hackerland

https://www.hackerearth.com/practice/algorithms/graphs/strongly-connected-components/practice-problems/algorithm/a-walk-to-remember-qualifier2/