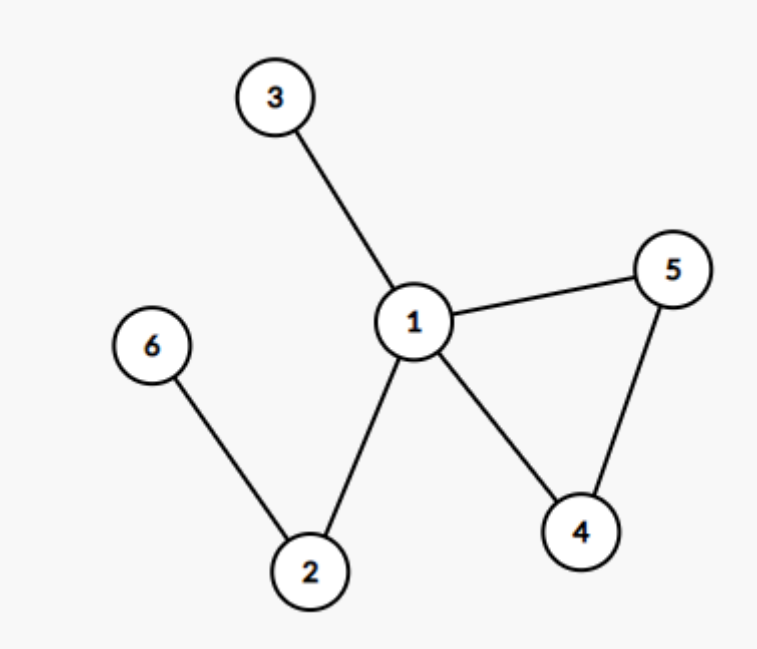
Articulations Points

Given an undirected graph G, we say that a vertex V in G is an **articulation point(cut vertex)** if the removal of V along with its associated edges increases the number of connected components in G(excluding V itself).

For Example:



In the above diagram, Nodes **2** and **1** are **articulation points** as removing either of these nodes disconnects the graph and results in an increase in the number of connected components in the graph.