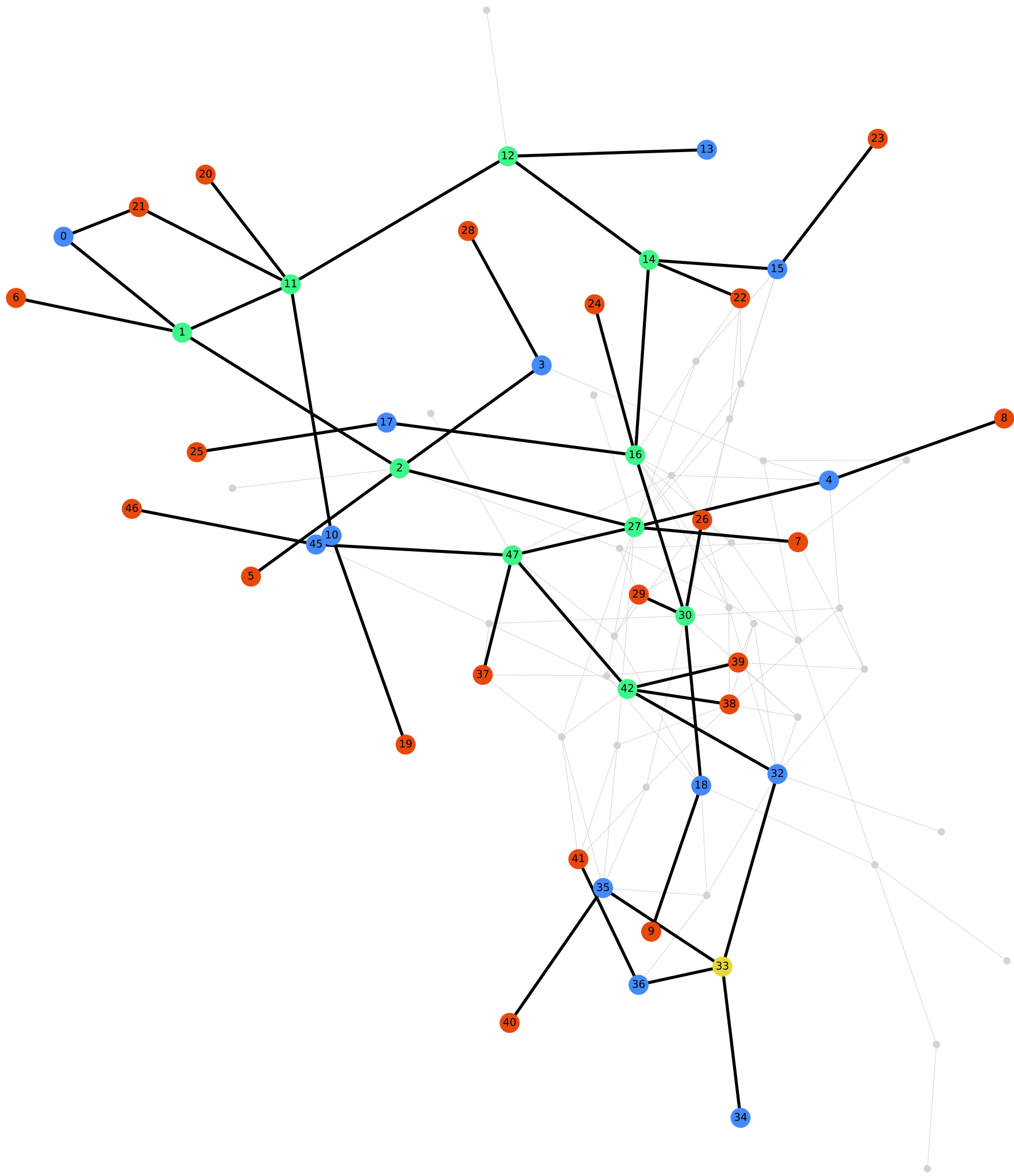
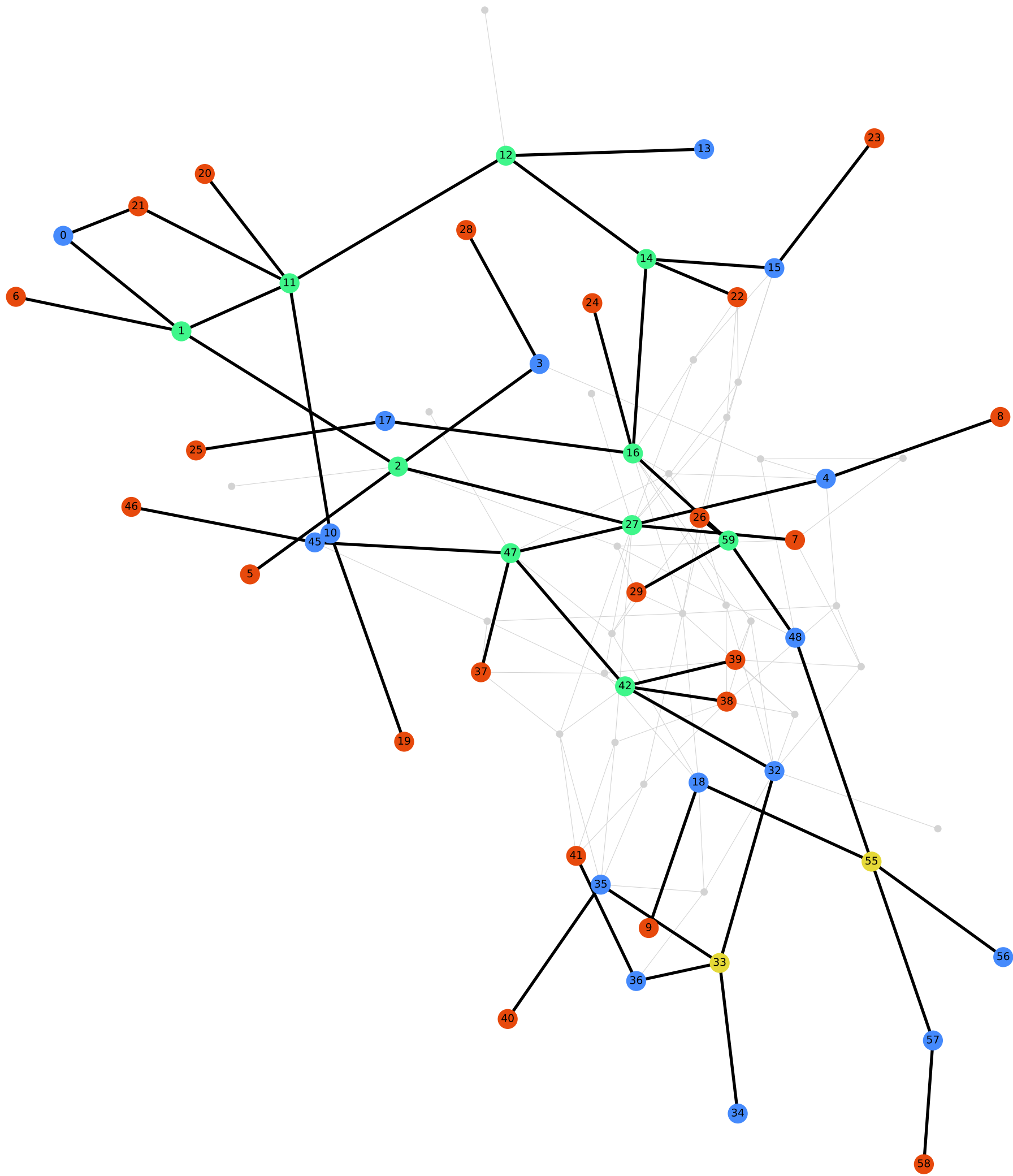


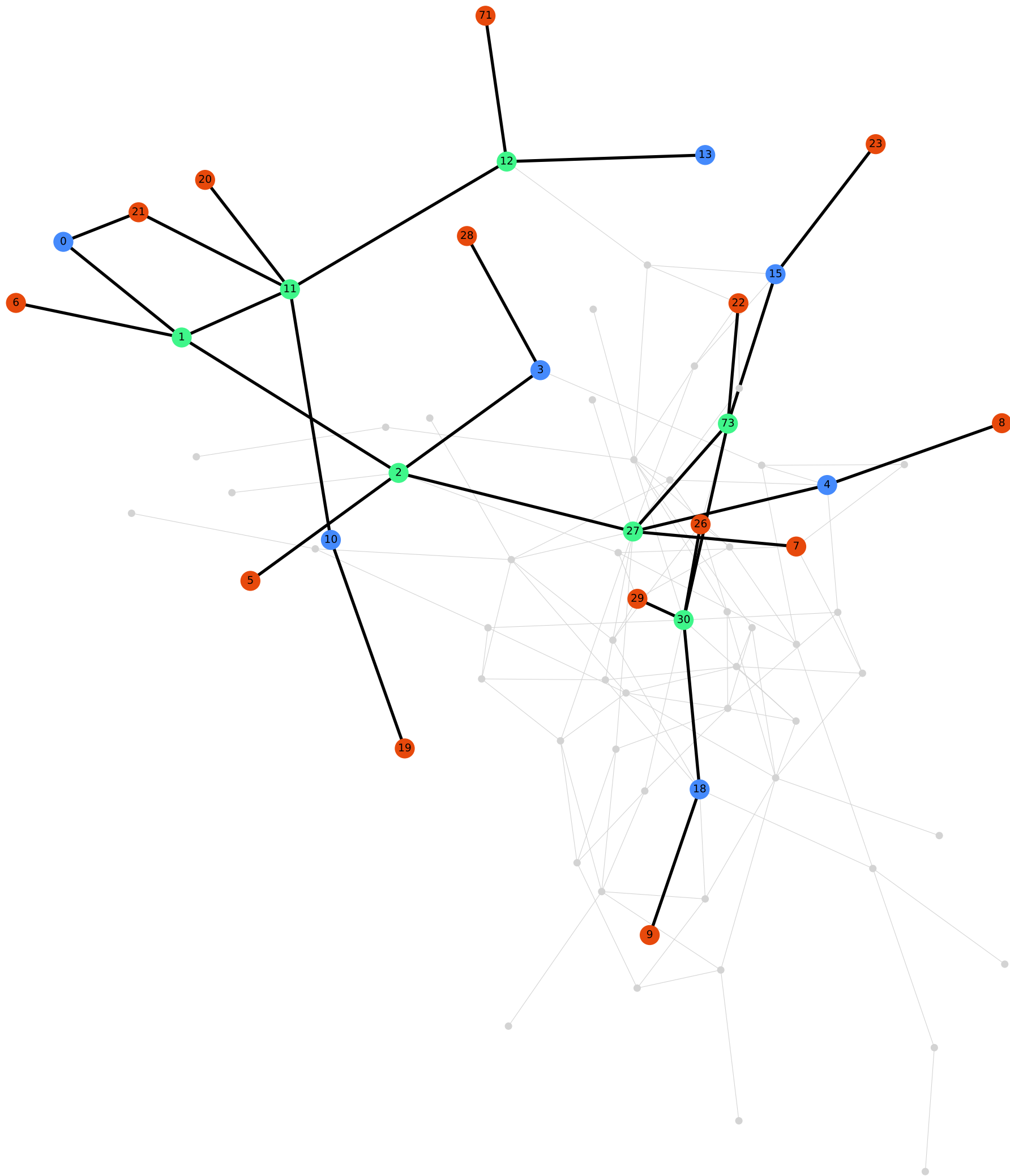
Input Graph 0



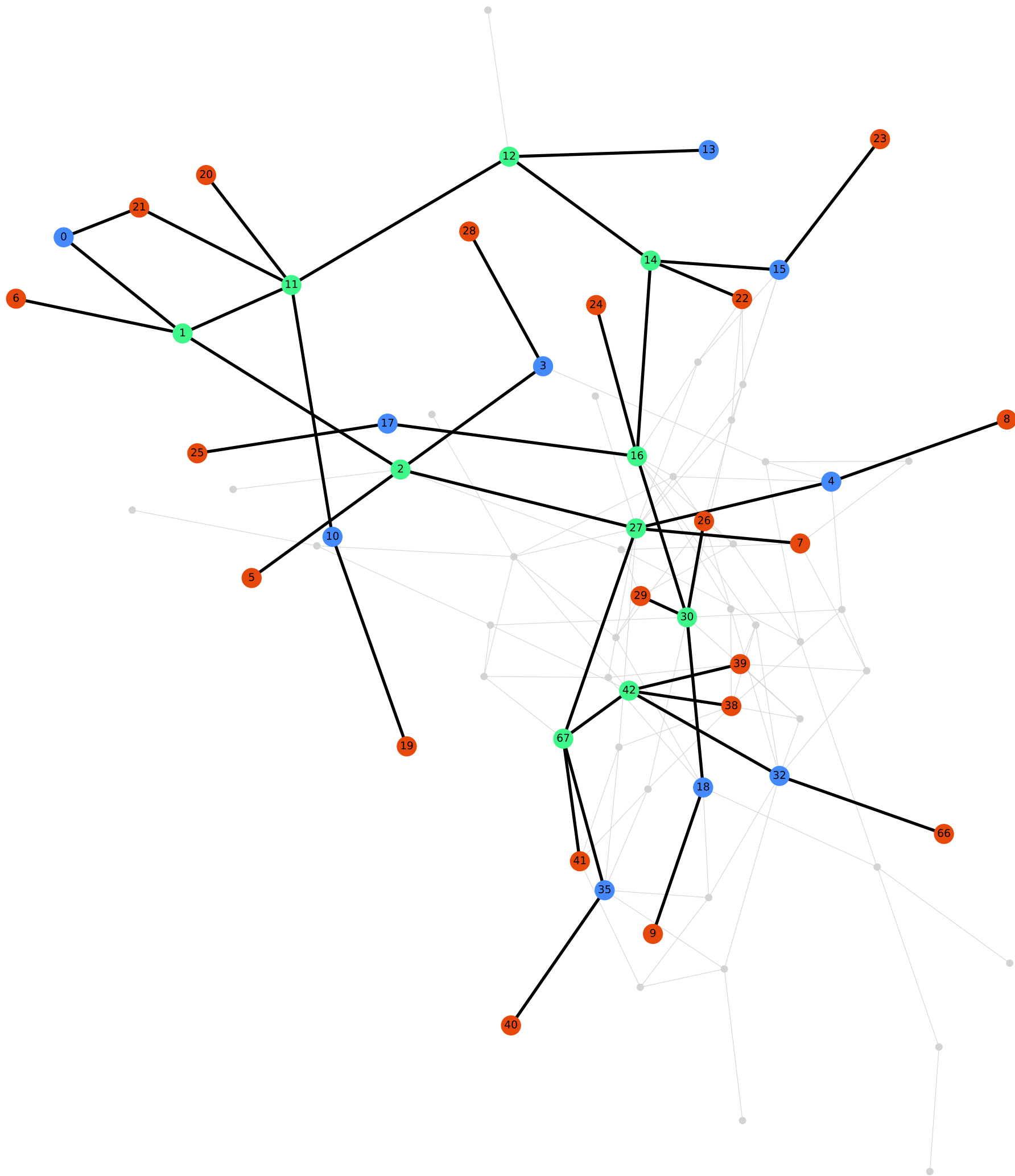
Input Graph 1



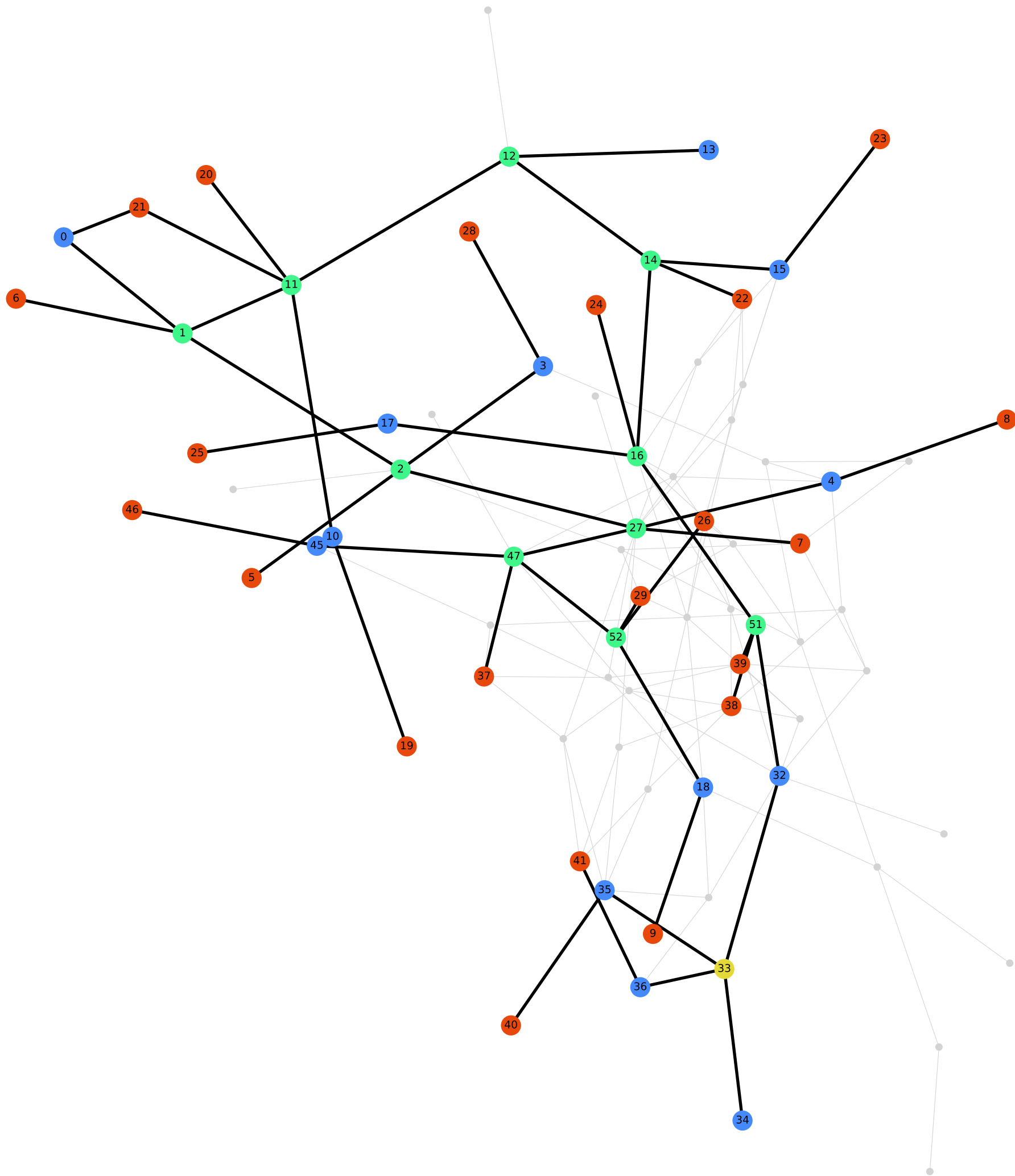
Input Graph 2



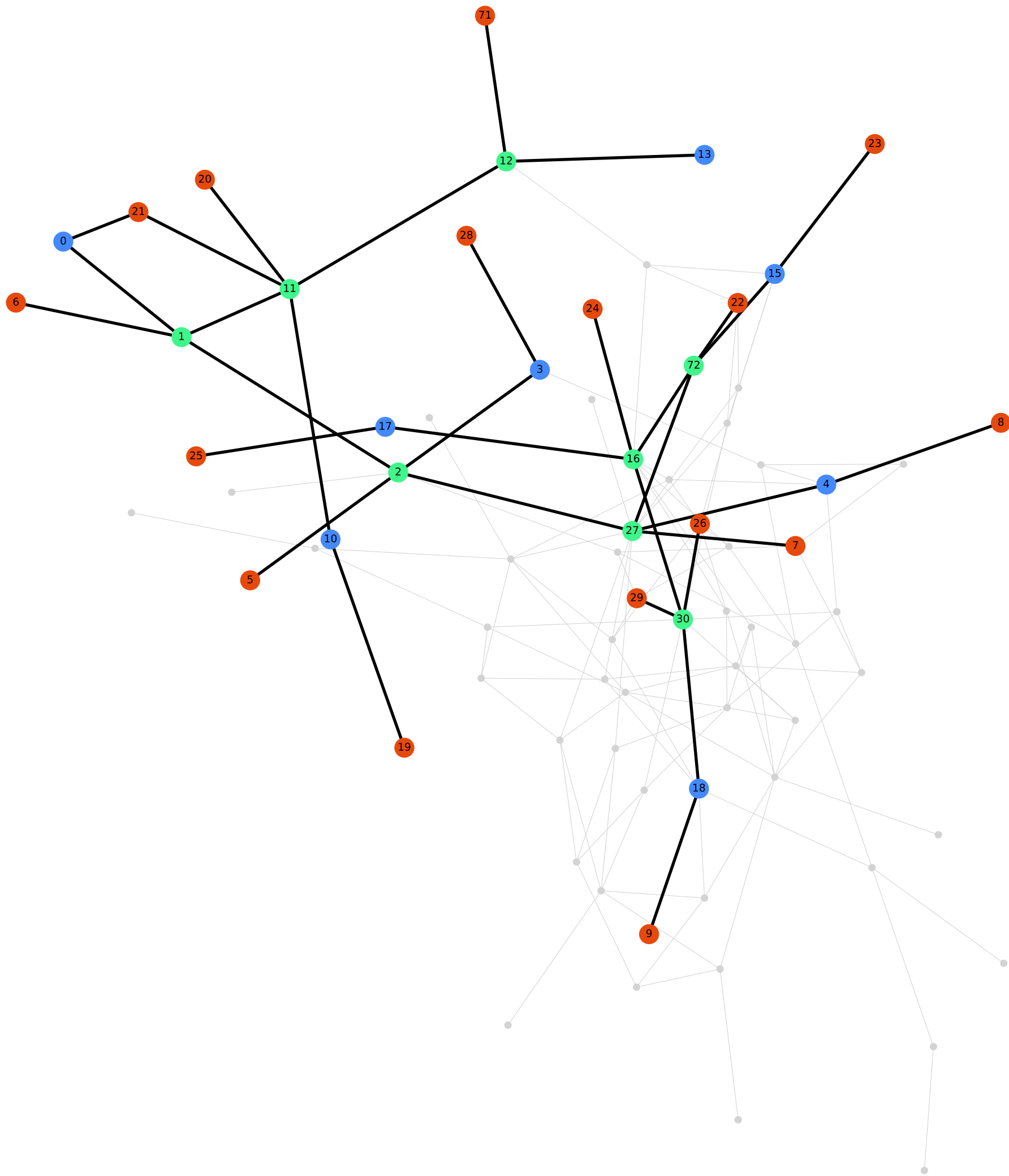
Input Graph 3



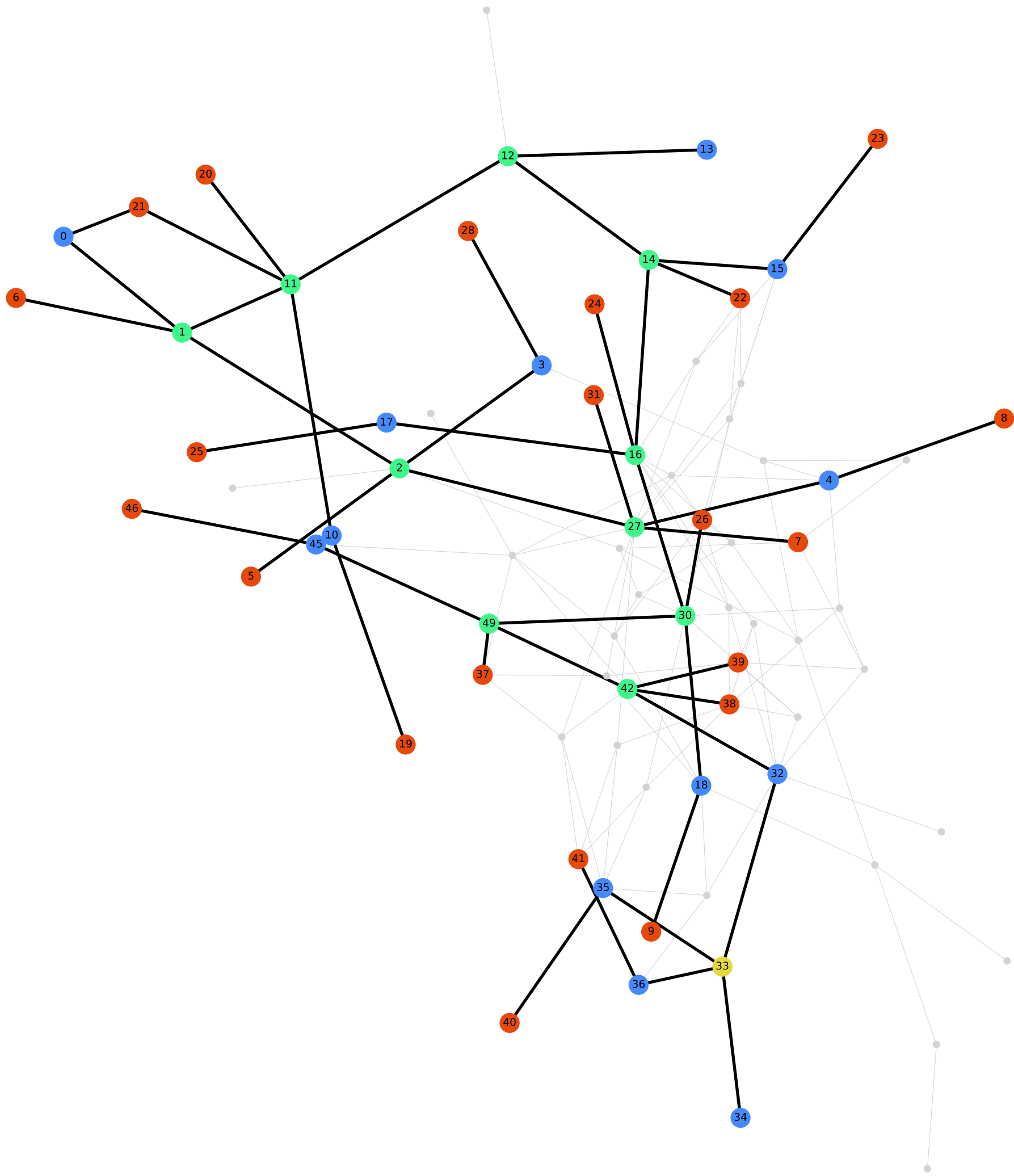
Input Graph 4



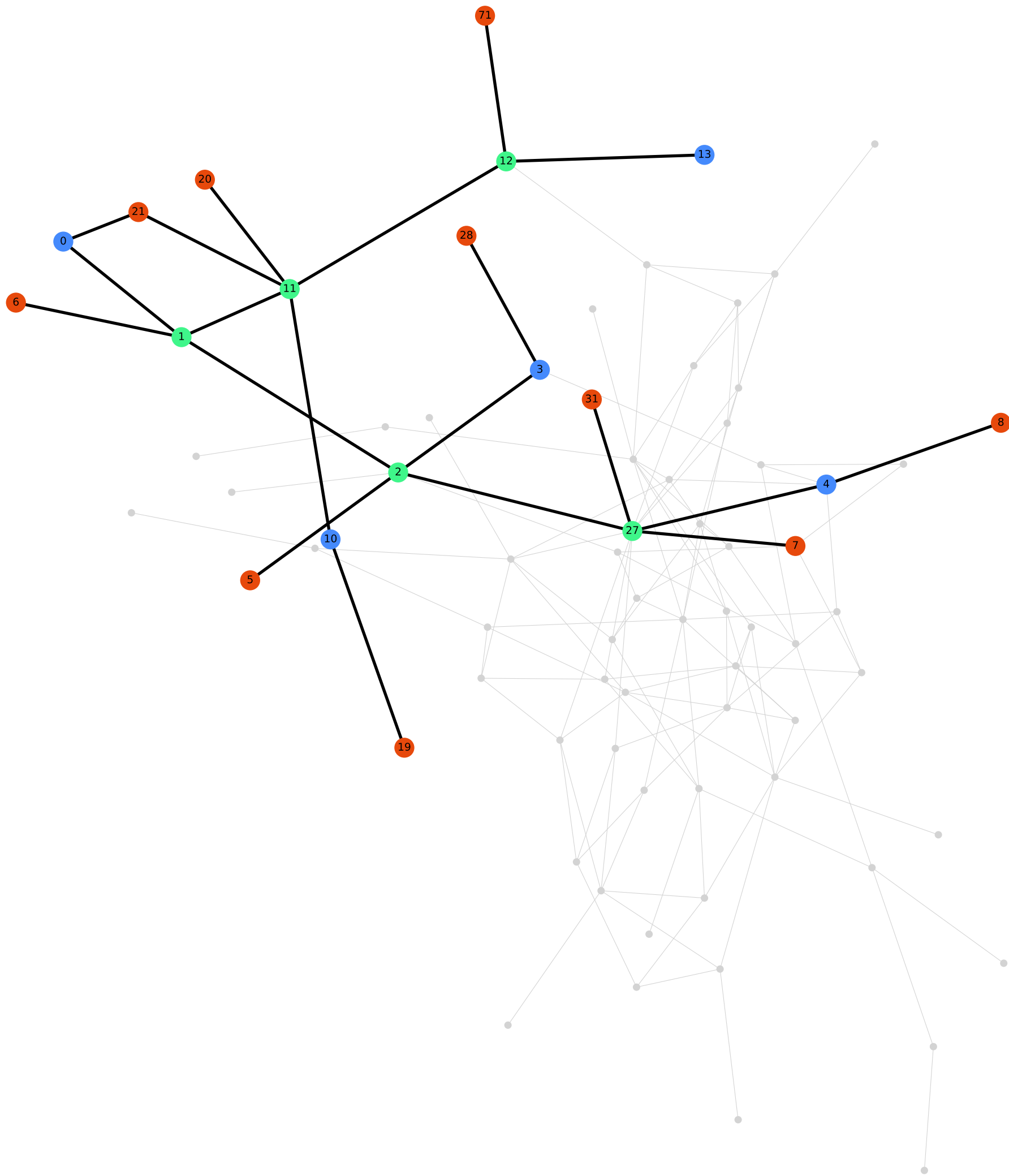
Input Graph 5



Input Graph 6

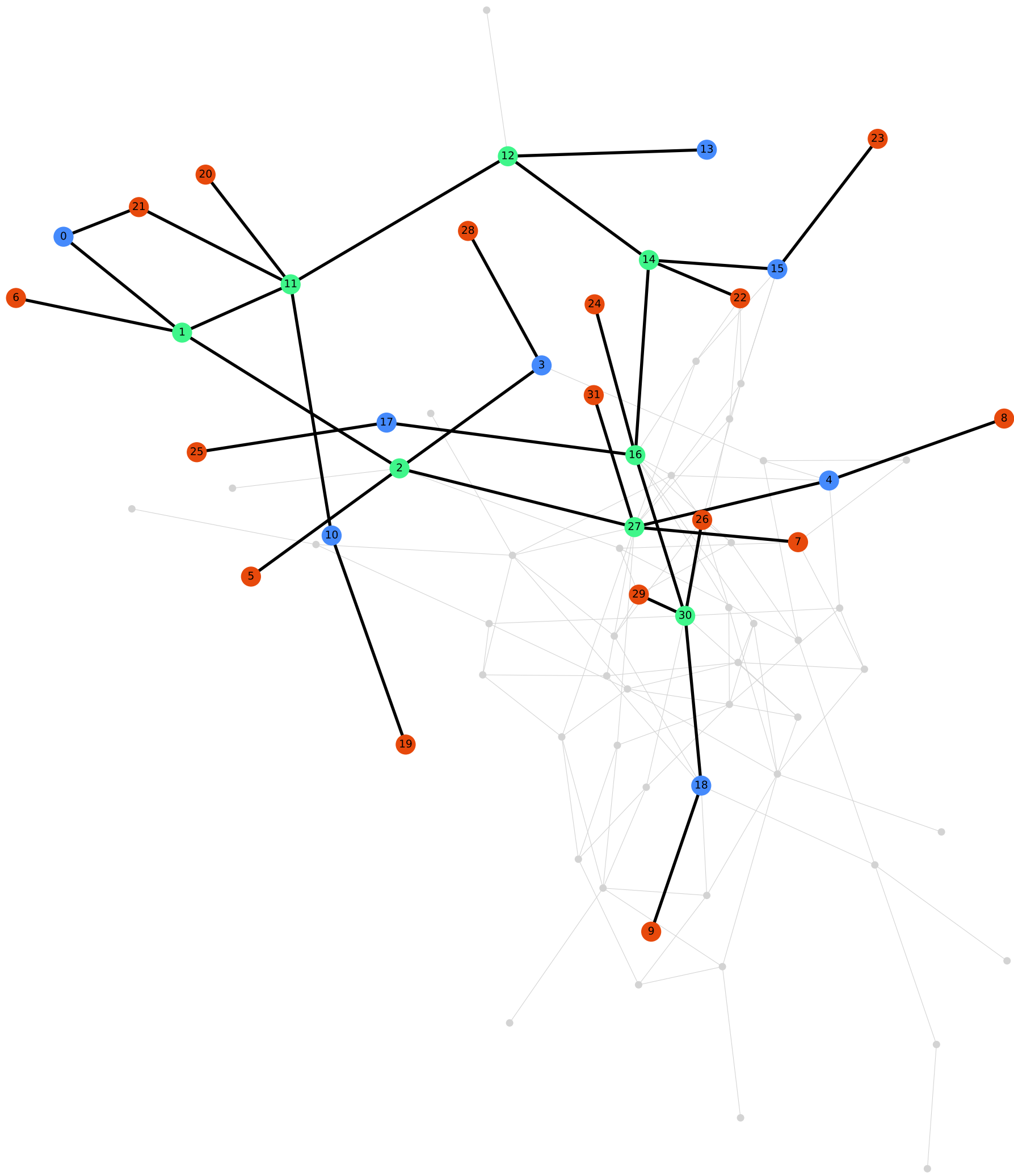


Input Graph 7

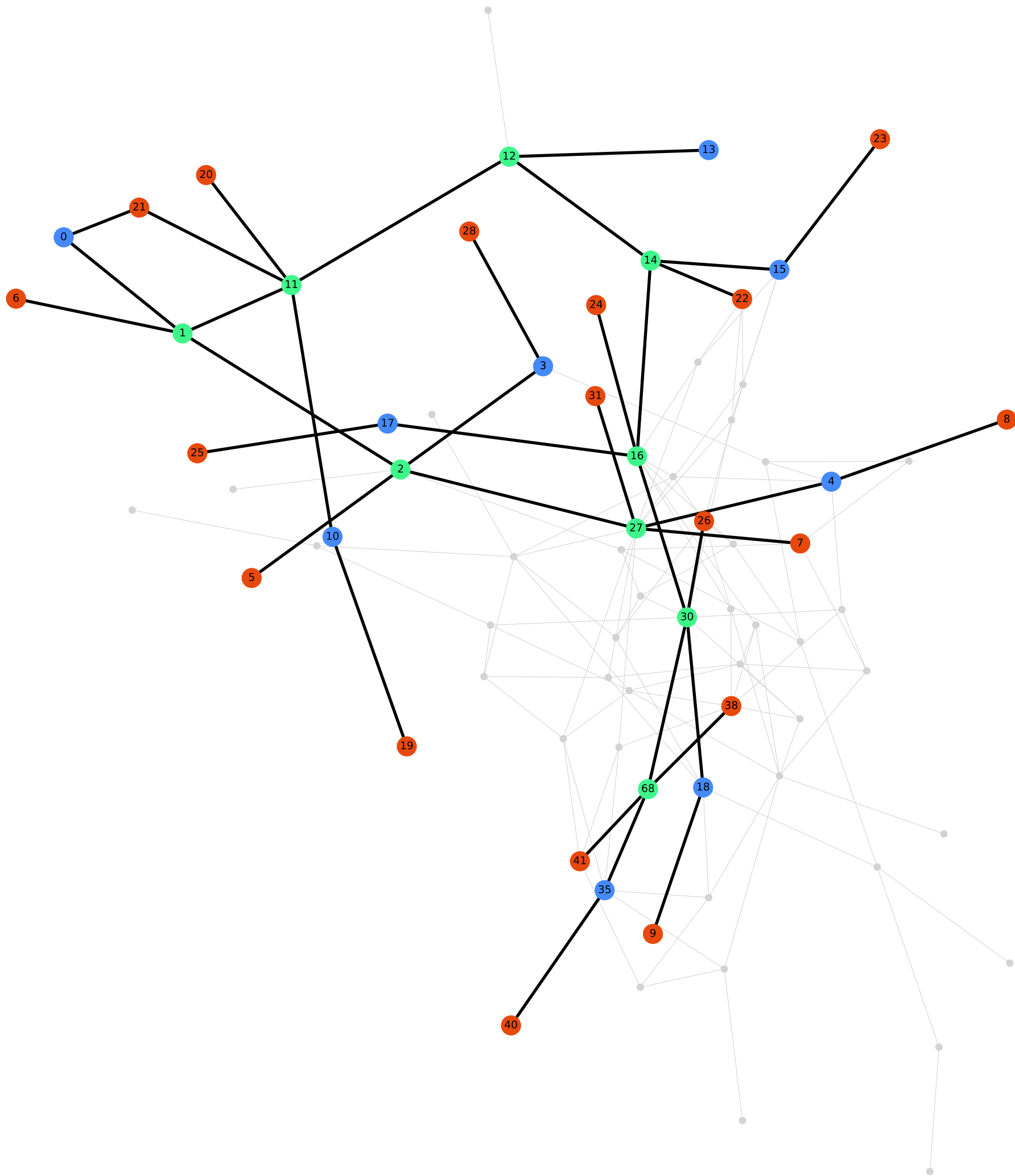




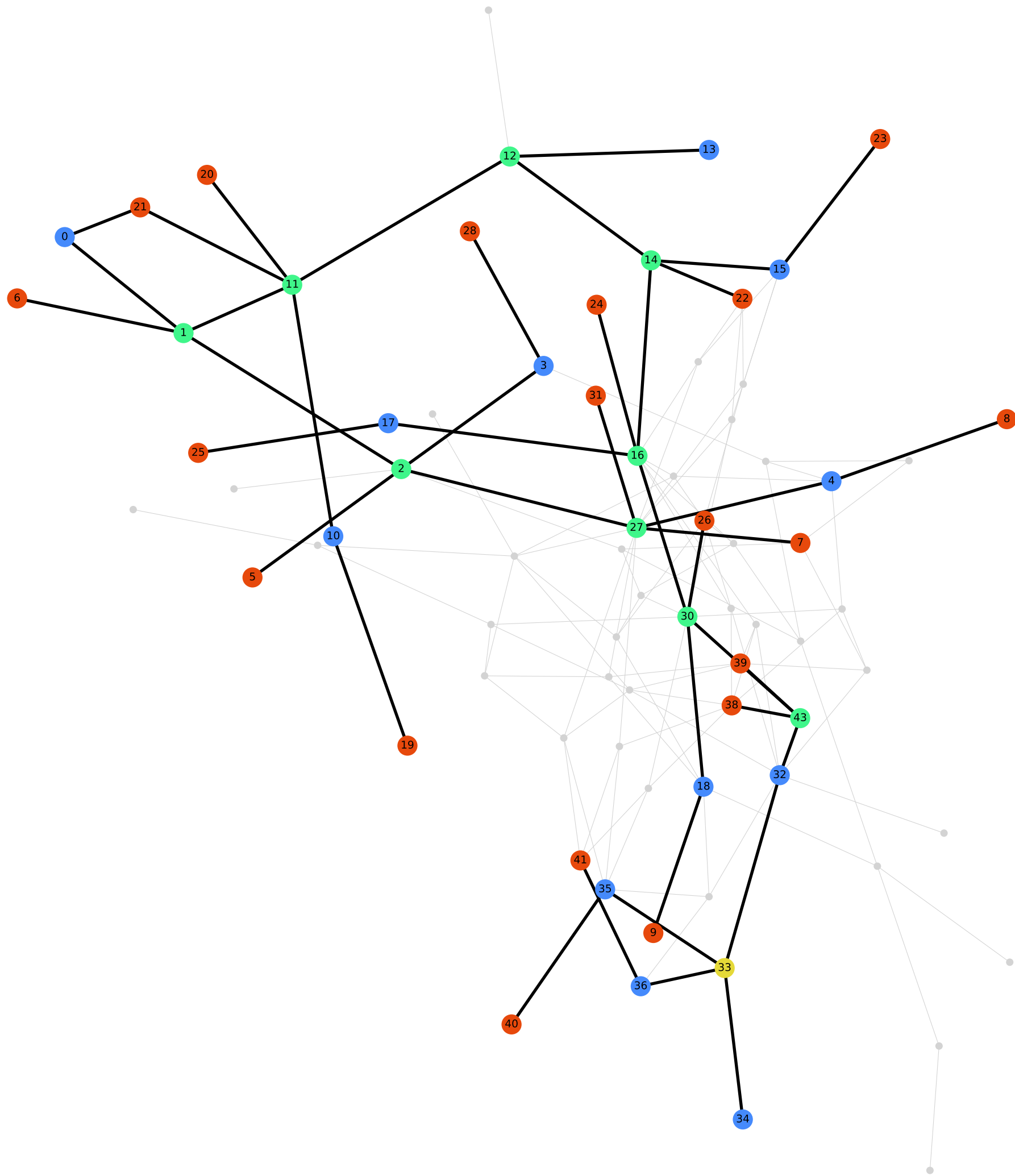
Input Graph 8



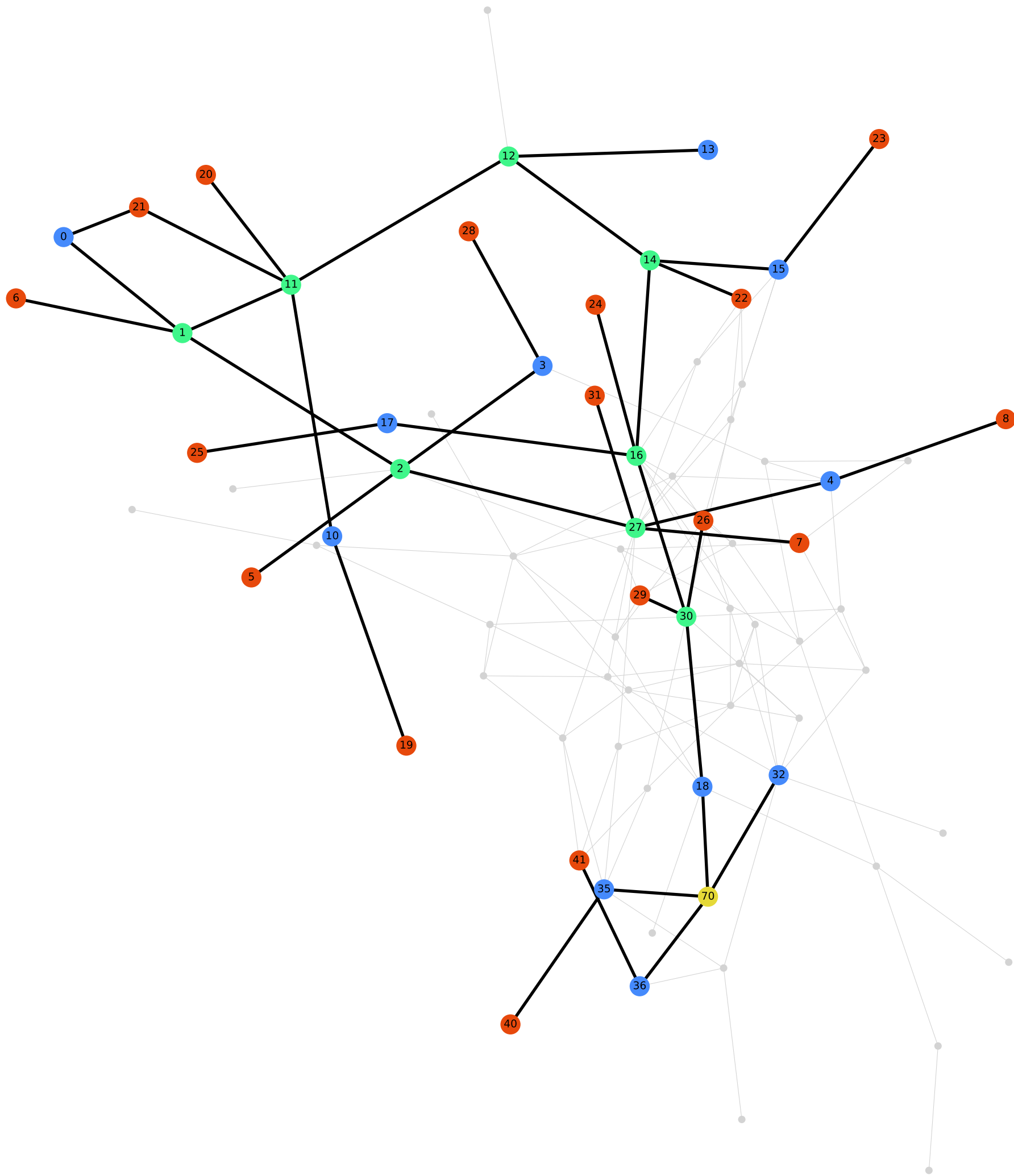
Input Graph 9



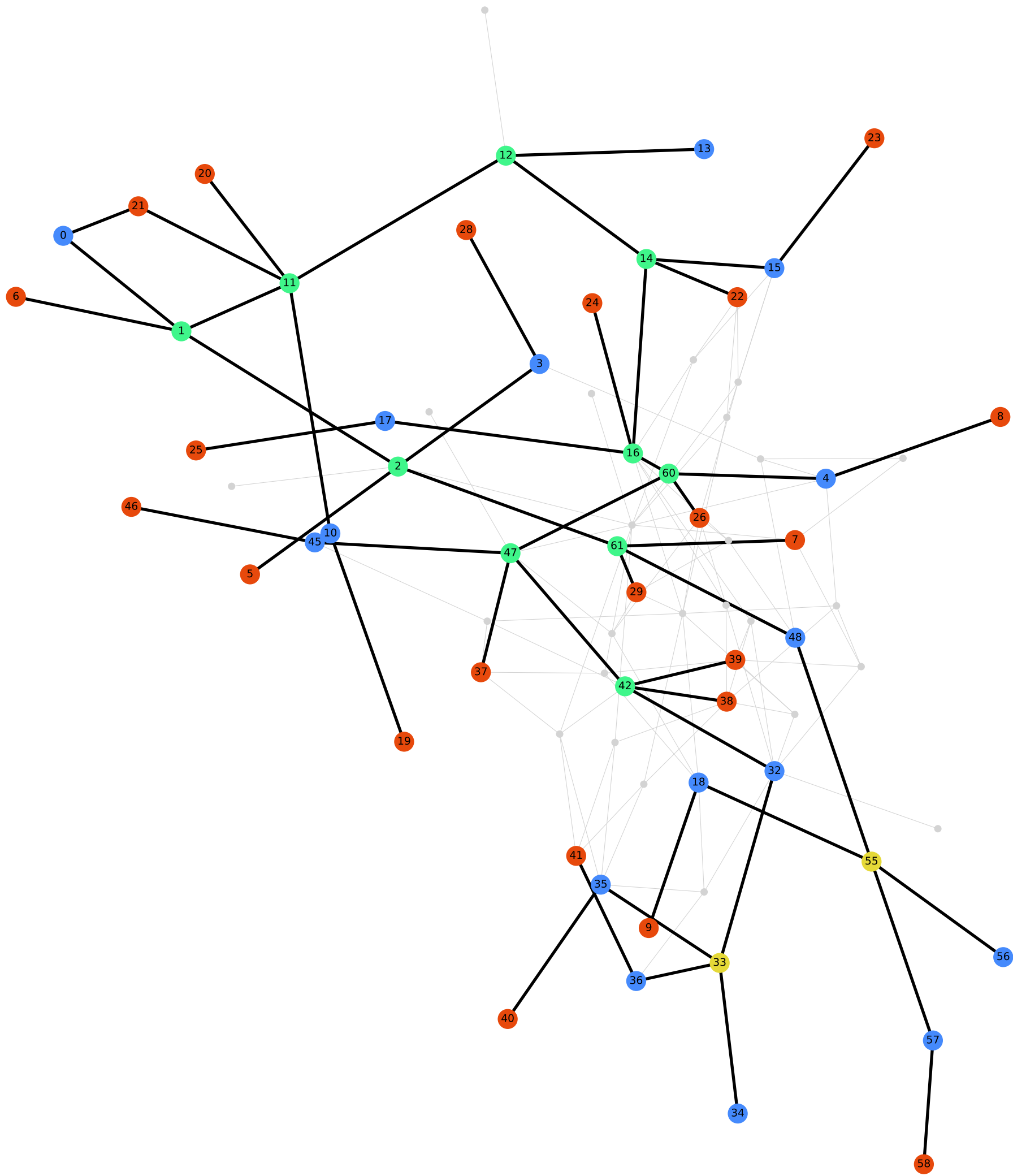
The image displays a network graph with 44 numbered nodes (0-43) and numerous edges. The nodes are color-coded: blue (0, 3, 4, 10, 13, 15, 17, 18, 32, 34, 35, 36), green (1, 2, 11, 12, 14, 16, 27, 30, 43), orange (5, 6, 7, 8, 9, 19, 20, 21, 22, 23, 24, 25, 26, 28, 31, 38, 39, 40, 41), and yellow (33). A subset of the graph is highlighted with thick black lines and nodes, including nodes 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43. The remaining nodes and edges are shown in light gray, representing a background network or a less significant part of the data.



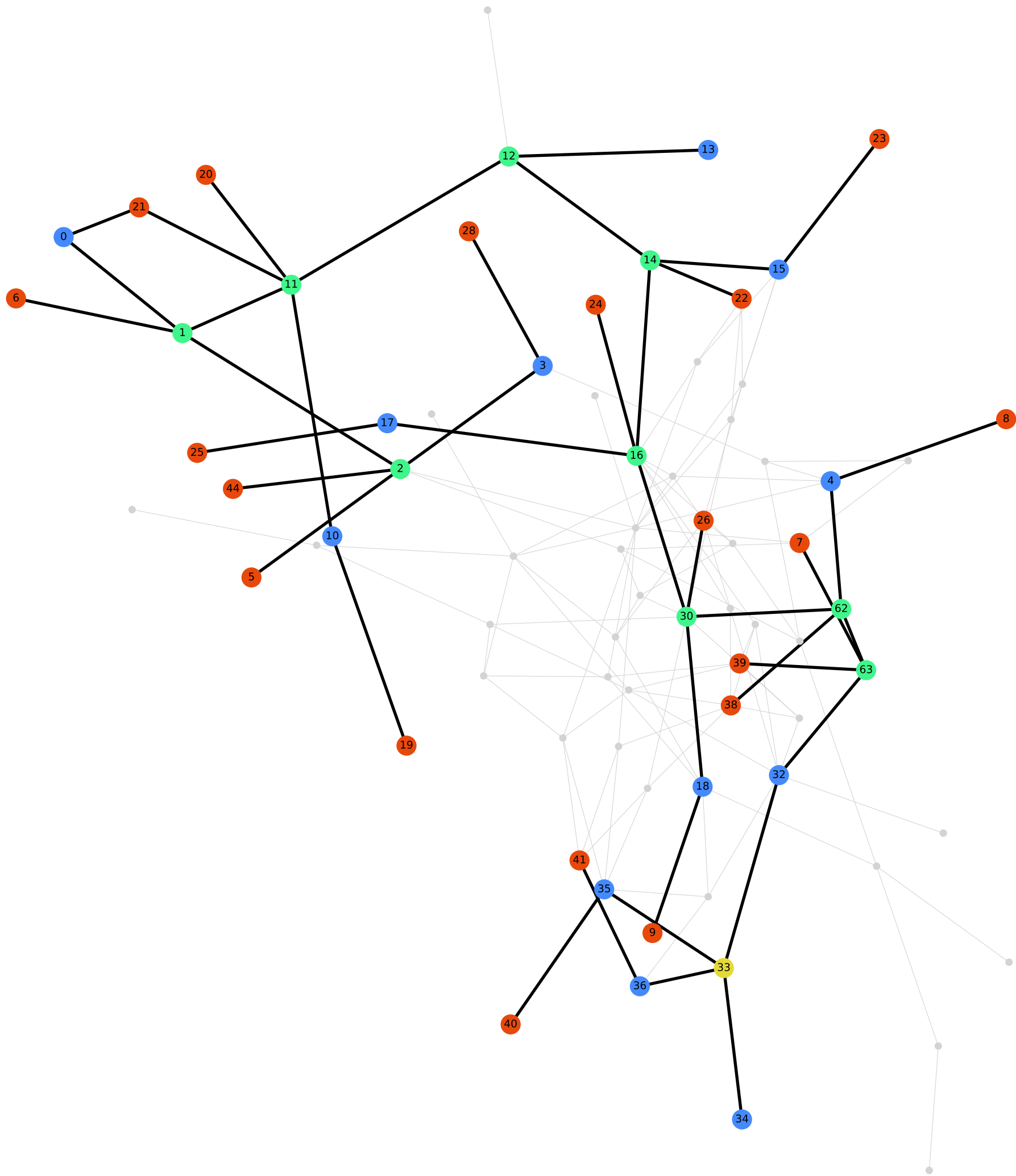
Input Graph 11



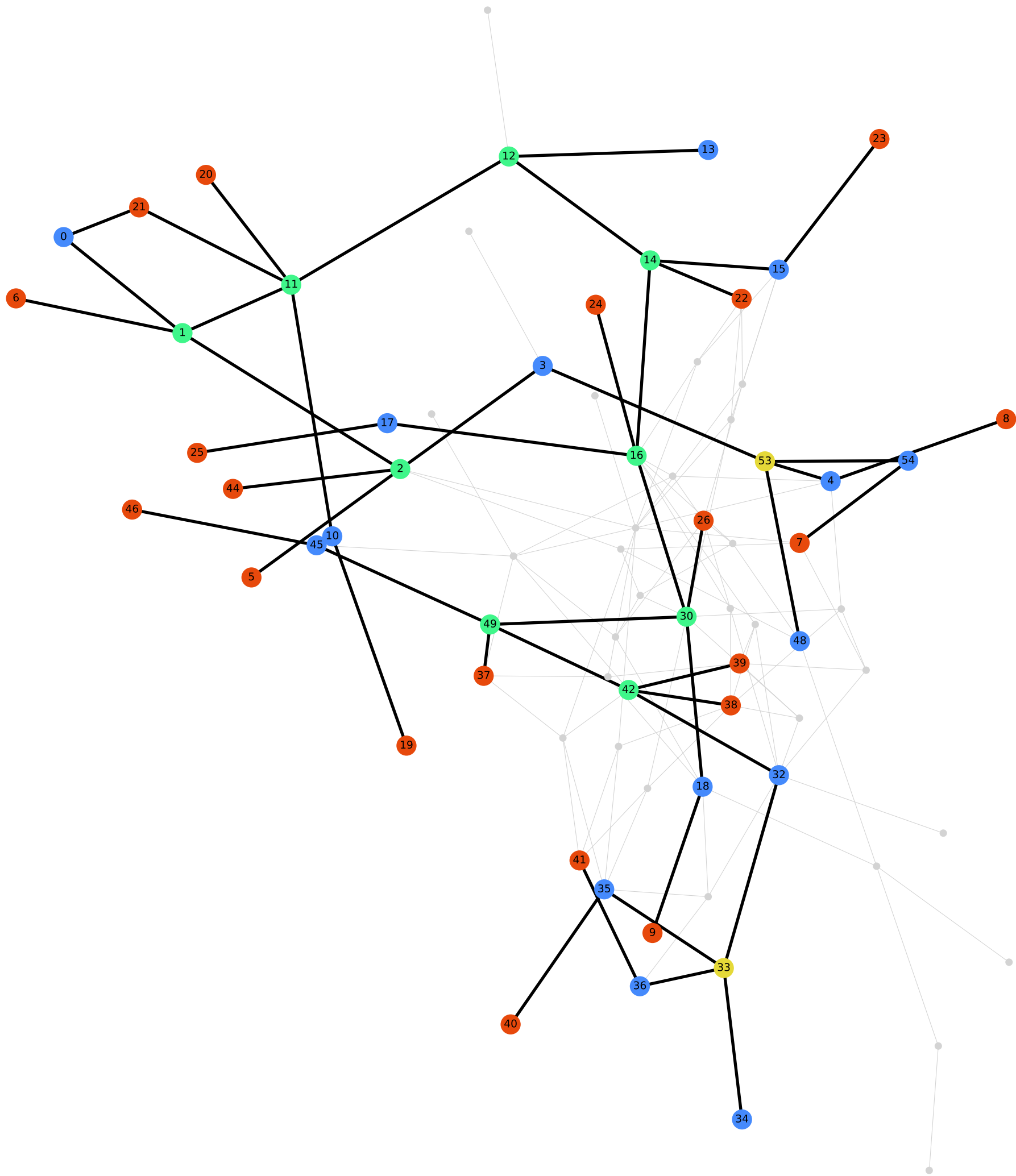
Input Graph 12



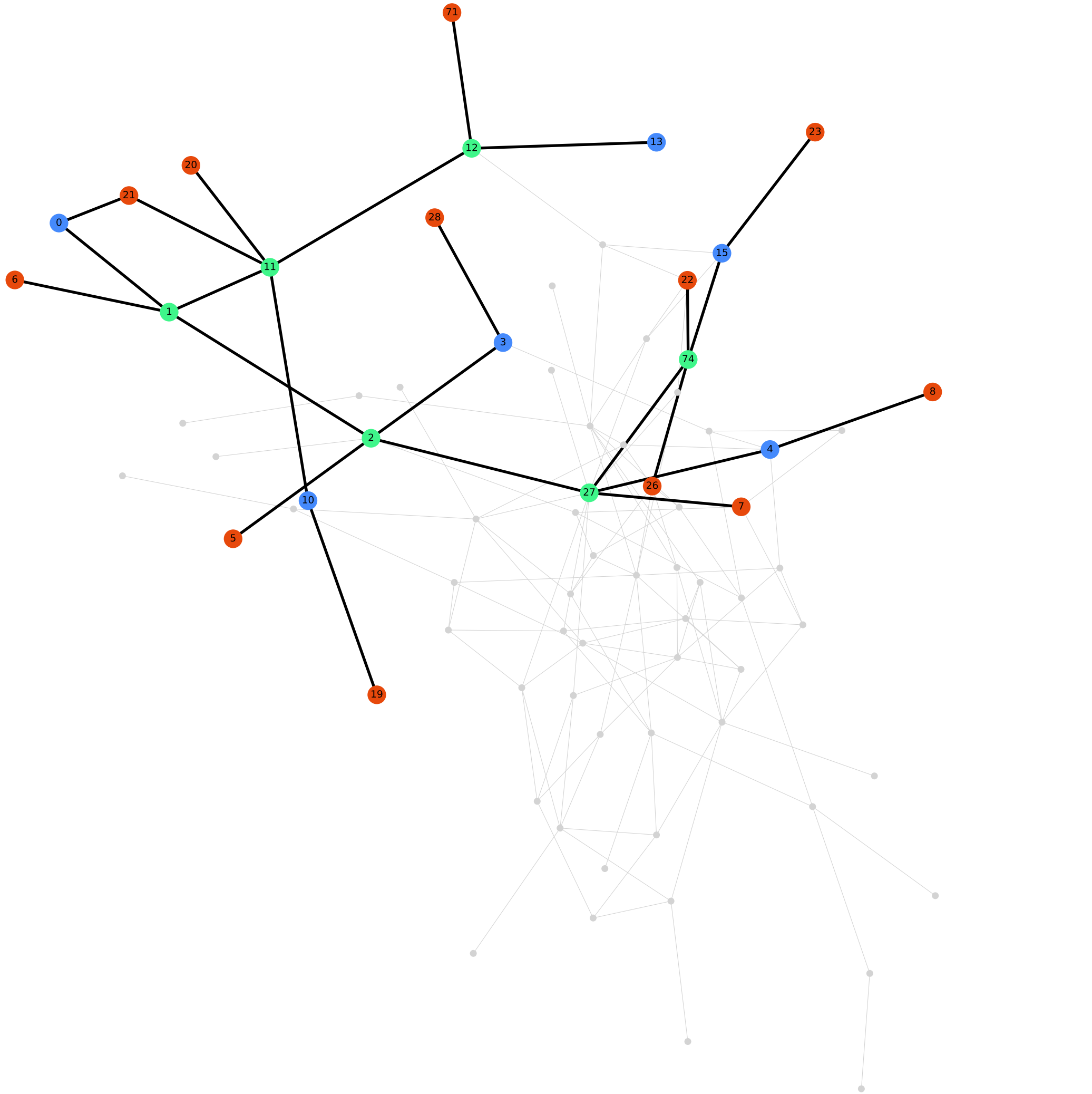
Input Graph 13



Input Graph 14

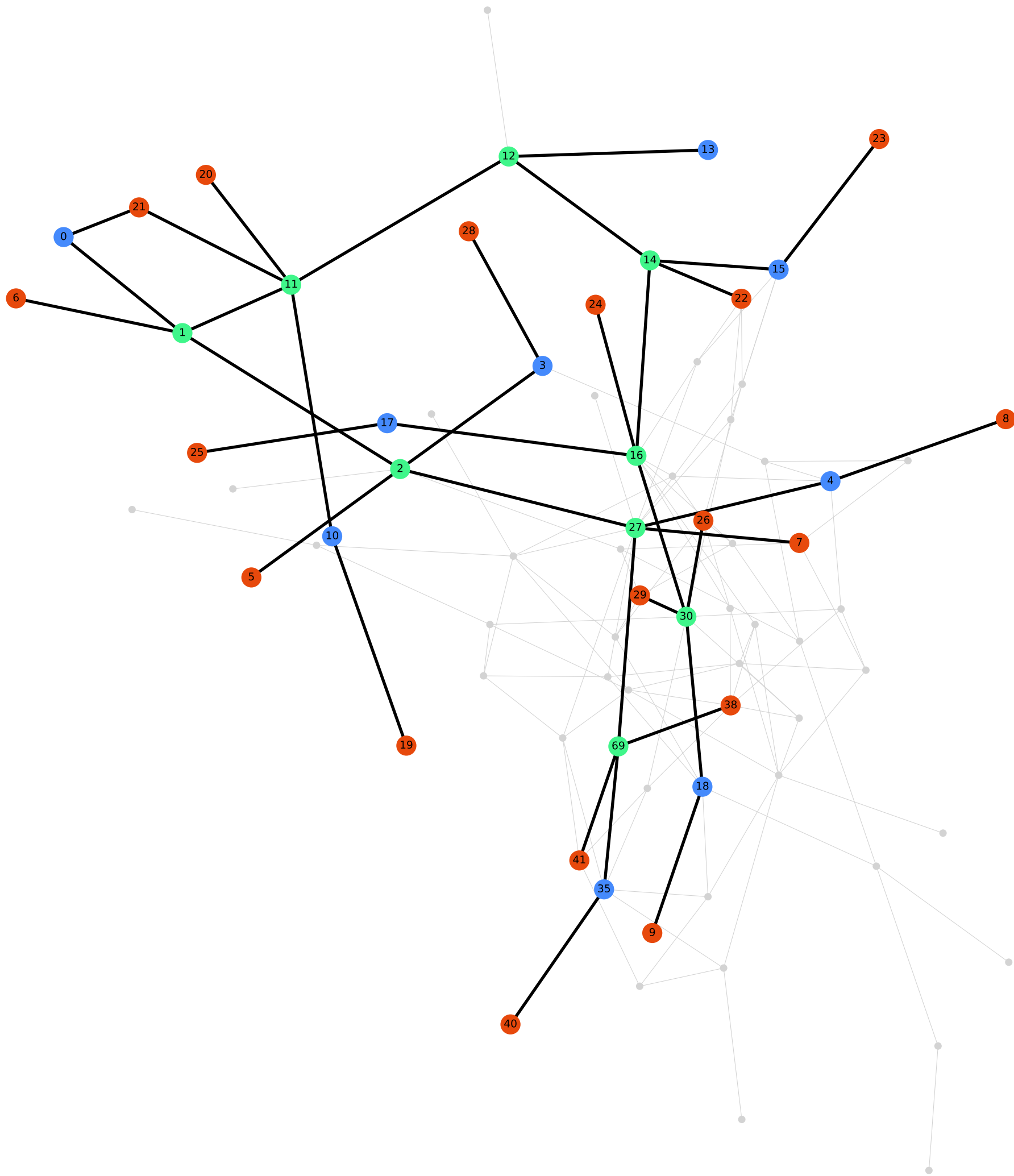


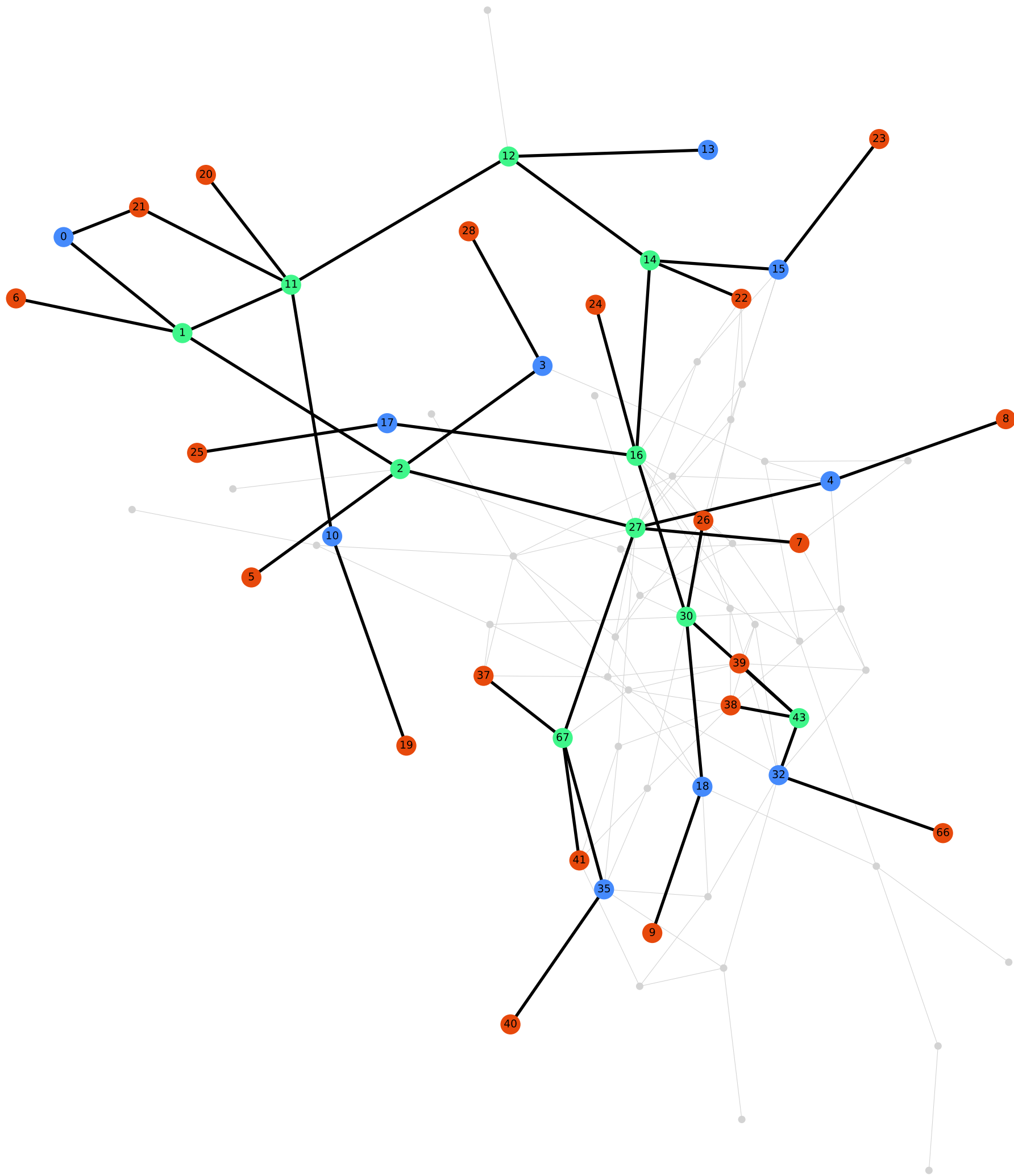
Input Graph 15



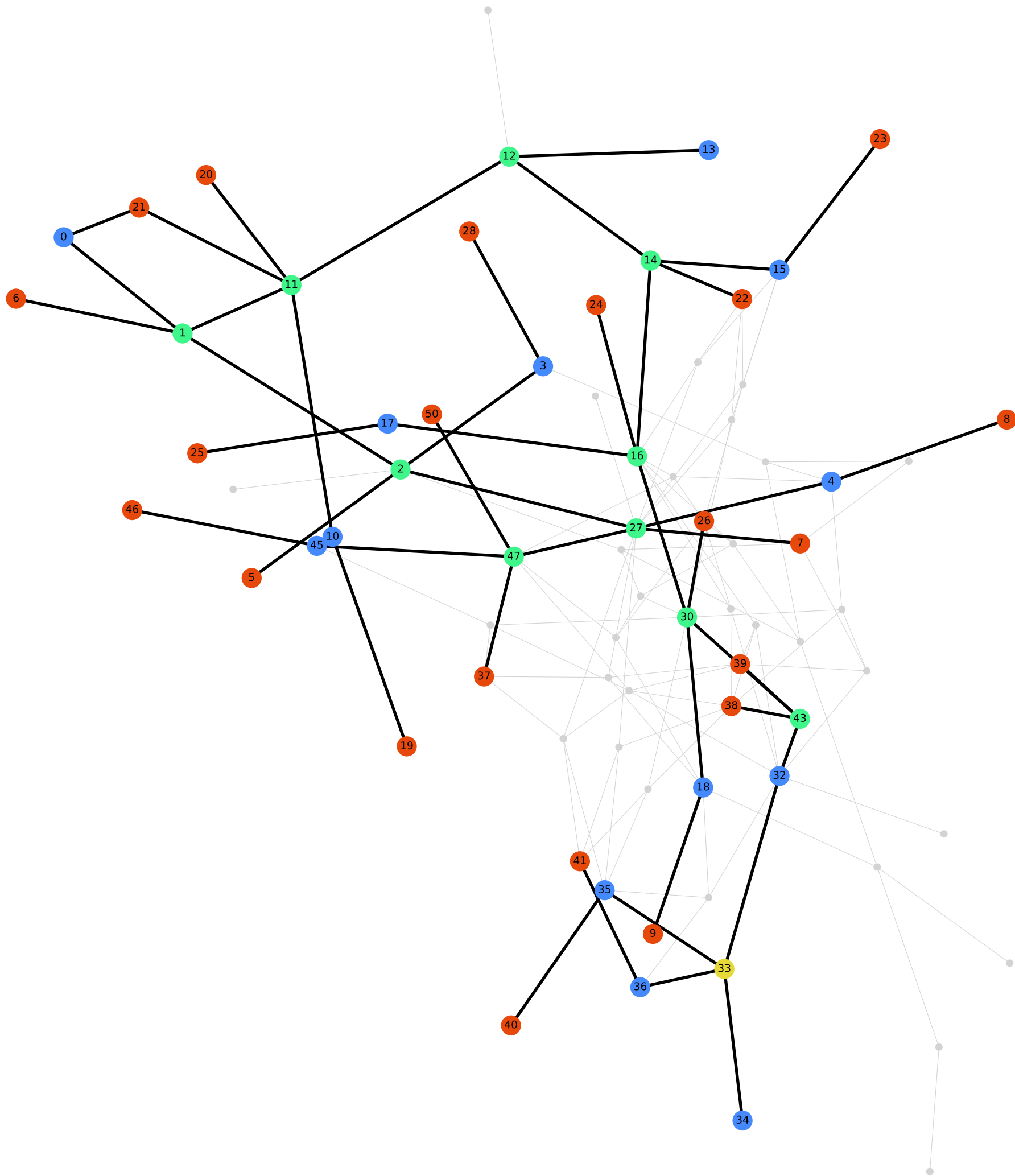


Input Graph 16

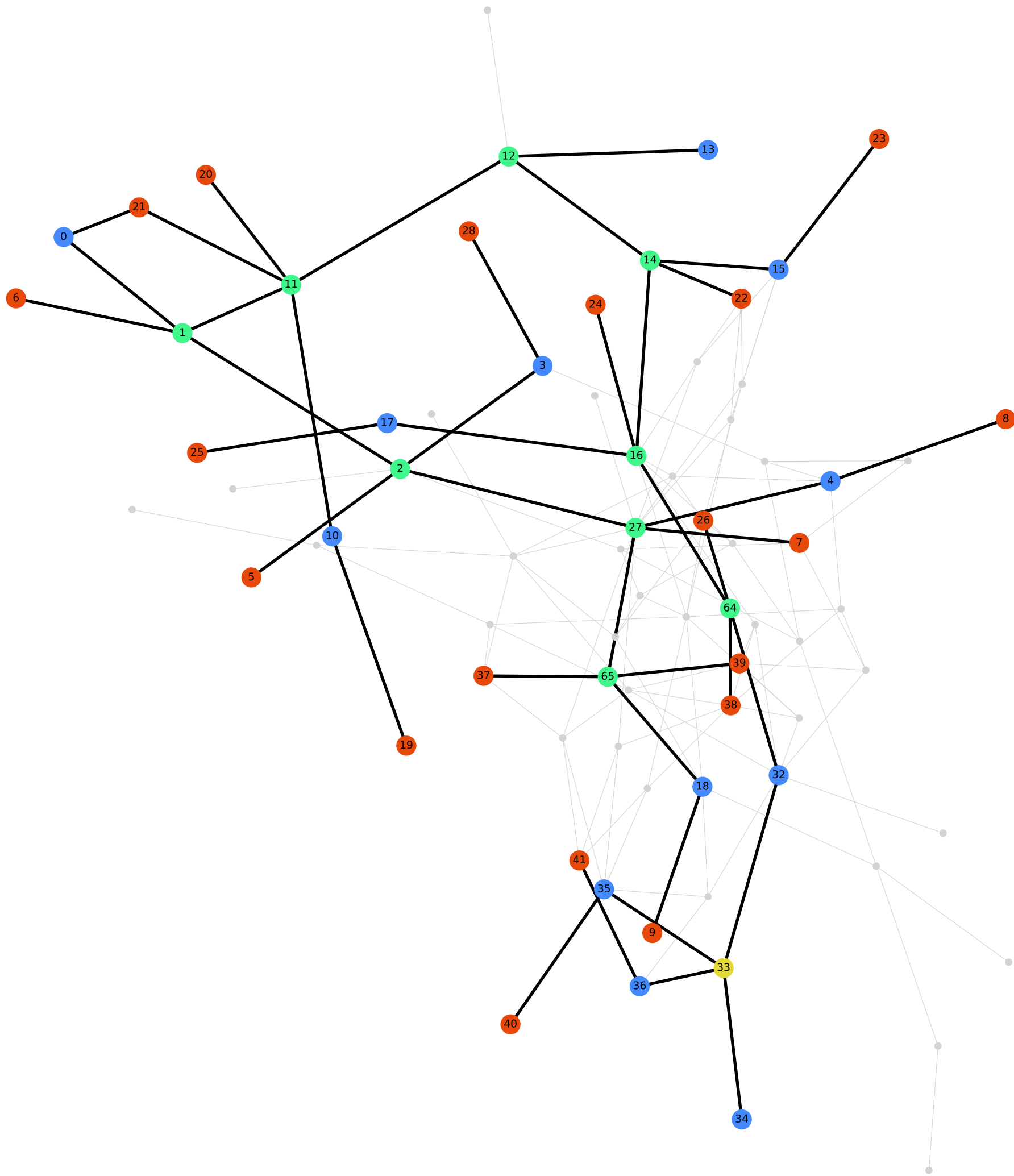


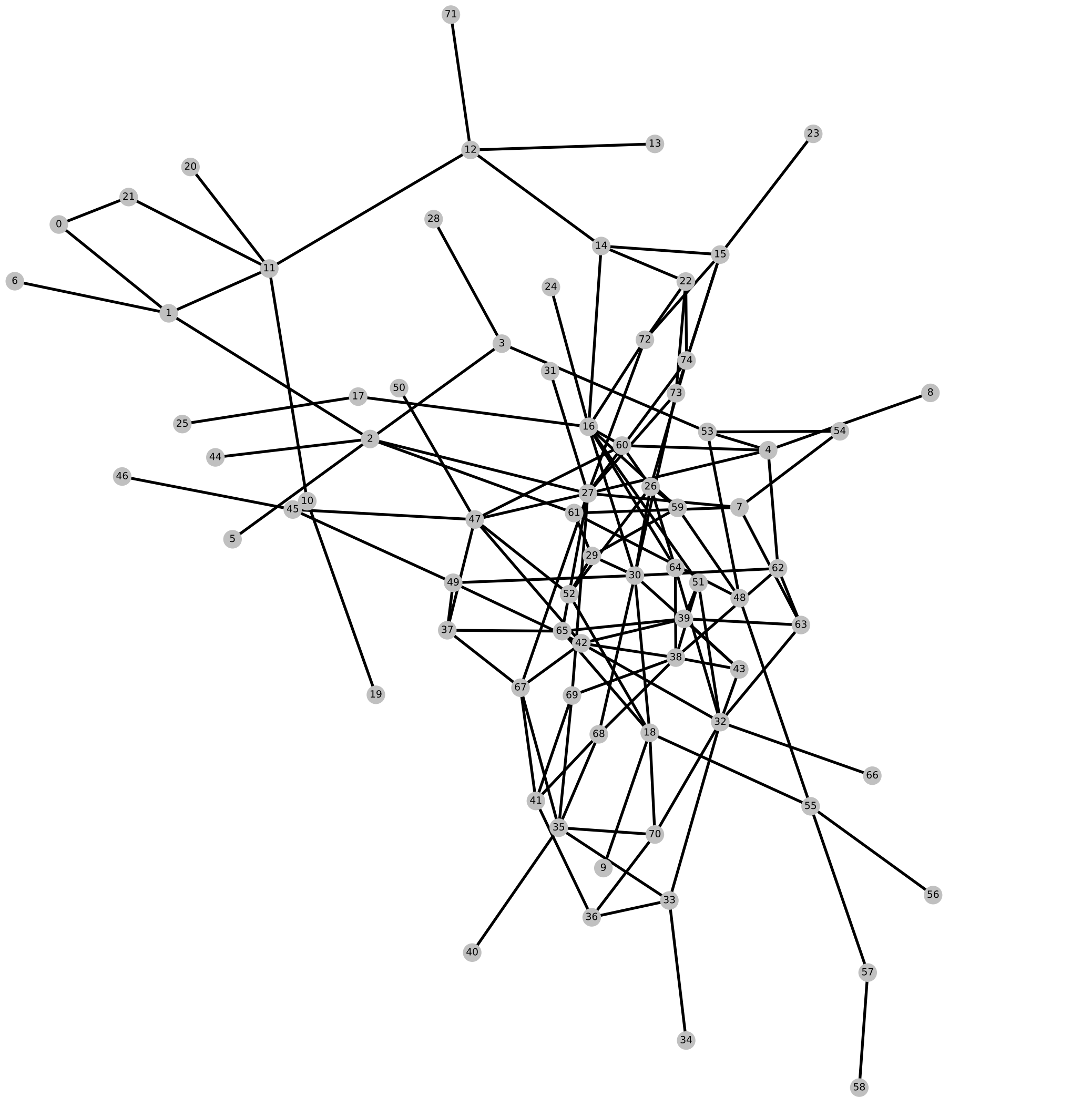


Input Graph 18



The image displays a network graph with 42 nodes, numbered 0 to 41. The nodes are colored based on their group: blue (0, 3, 4, 10, 13, 15, 16, 17, 18, 32, 34, 35, 36), orange (6, 7, 8, 9, 19, 20, 21, 22, 23, 24, 25, 26, 28, 37, 38, 39, 40, 41), green (1, 11, 12, 14, 27, 64, 65), and yellow (33). The graph is divided into two main parts: a central cluster of nodes connected by thick black lines, and a larger, more diffuse network of nodes connected by thin gray lines. The central cluster includes nodes 0, 1, 3, 6, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41. The diffuse network includes nodes 4, 5, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41. The central cluster is highly interconnected, with many nodes having multiple connections. The diffuse network is less dense, with many nodes having only one or two connections. The overall structure suggests a complex, interconnected system with a central core and a periphery.





Match columns (of order 16)

