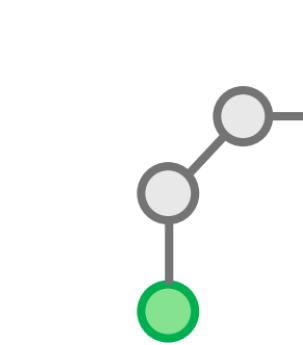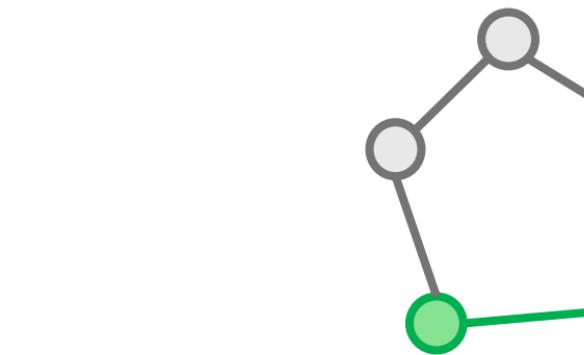| 360-degree Images | Circular Shift of Panoramic Images | Feature Extraction with AnyLoc | Node and Adj. Arc Creation | Loop Detection with Consistency Check | Topological Map |

| Raw Images | Shifted Images | Global Descriptors | Nodes and Adj. Arcs | Loop Arcs | Graph |