In the main method we have created a tree structure with 5 nodes . Each node is an instance of the ‘Anode’ class.

Node1 is the root node and node3 and node2 are two children of node1 , further node4 and node5 are children of node2.

// Create a tree with nodes

ANode node1 = new ANode(1, null);

ANode node2 = new ANode(2, node1);

ANode node3 = new ANode(3, node1);

ANode node4 = new ANode(4, node2);

ANode node5 = new ANode(5, node2);

**1**

**2**

**3**

**4**

**5**