class Node:

def \_\_init\_\_(self, key):

self.left = None

self.right = None

self.val = key

def printInorder(root):

if root:

printInorder(root.left)

print(root.val),

printInorder(root.right)

def printPostorder(root):

if root:

printPostorder(root.left)

printPostorder(root.right)

print(root.val),

def printPreorder(root):

if root:

print(root.val)

printPreorder(root.left)

printPreorder(root.right)

root = Node(1)

root.left = Node(2)

root.right = Node(3)

root.left.left = Node(4)

root.left.right = Node(5)

print "Preorder traversal of binary tree is"

printPreorder(root)

print "\nInorder traversal of binary tree is"

printInorder(root)

print "\nPostorder traversal of binary tree is"

printPostorder(root)