In [98]:
```
class Node():
  def __init__(self, newData, prev = None, next = None):
    self.data = newData
    self.prevNode = prev
    self.nextNode = next

  def getData(self):
    return self.data

  def printData(self, reverse = False):
    if reverse == True:
      print(self.data)
      if self.prevNode != None:
          self.prevNode.printData(True)
    else:
      print(self.data)
      if self.nextNode != None:
        self.nextNode.printData()

  def addNode(self, left = None, right = None):
    self.nextNode = right
    self.prevNode = left

  def deleteNode(self, data):
    currData = self.data
    if currData == data:
      self.prevNode.addNode(right=self.nextNode)
      self.nextNode.addNode(self.prevNode)
      del self
      print ("Node deleted successfully!")
    else:
      self.nextNode.deleteNode(data)
```

In [101…
```
rootNode = Node('C')
secondNode = Node('P')
thirdNode = Node('E')
fourthNode = Node('S')
fifthNode = Node('B')

rootNode.addNode(fourthNode, secondNode)
secondNode.addNode(rootNode, thirdNode)
thirdNode.addNode(secondNode)
fourthNode.addNode(fifthNode, rootNode)
fifthNode.addNode(right=fourthNode)

fifthNode.printData()
thirdNode.printData(True)
```

B
S
C
P
E
E
P
C
S
B