Angel Ordonez Retamar

AAI 551 in class exercise 10

you are given the following python code for class node

class Node:

def \_\_init\_\_(self, value = None, next\_node = None):

self.data = value

self.next = next\_node

def \_\_str\_\_(self):

return str(self.data)

node1 = Node("A")

node2 = Node("B")

node3 = Node("C")

node4 = Node("D")

Part (a) create a dour-node linked list using these four nodes. node1 is connected to node2, node2 is connected to node3, node3 is connected to node4. node4 is the tail of the linked list

node1.next = node2

node2.next = node3

node3.next = node4

Part (b) complete the following Python function, removeSecond(first\_node). This function take the head (or first node) of the linked list as an argument and removes the second node from the linked list

def removeSecond(first\_node):

first = first\_node

second = first.next

first.next = second.next

second.next = None