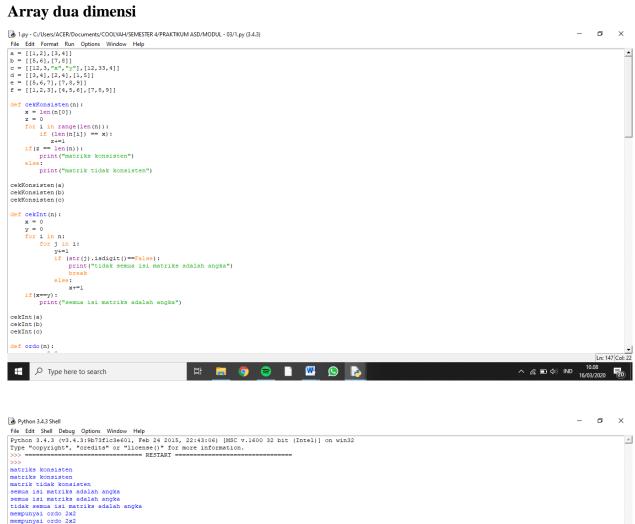
Nama: Yusrina Khairin Rusydina

NIM : L200180025

Kelas: B

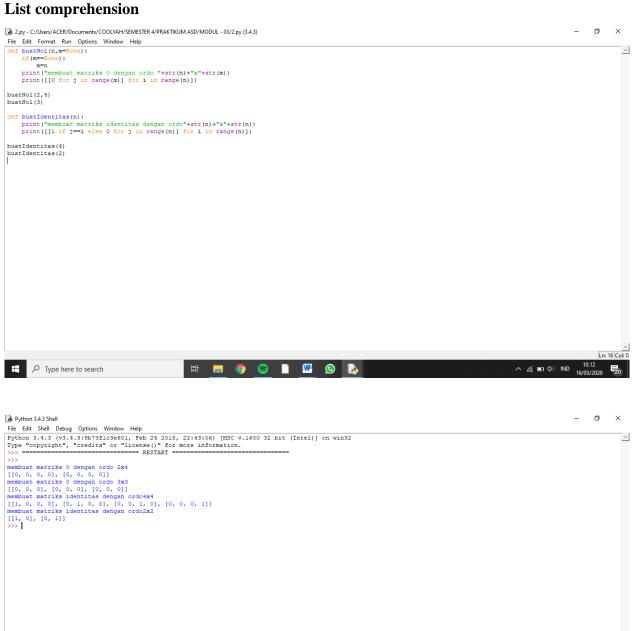
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2. List comprehension

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3. Linked list

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else:
    current = self.head
    while (current.next != None):
        current = current.next
    current.next = Node(data)
    return self.head

def insert(self,data,pos):
    node = Node(data)
    if not self.head:
        self.head = node
    elif pos==0:
        node.next = self.head
        self.head = node
    else:
       self.nead = node

else:
    prev = None
    current = self.head
    current pos = 0
    while (current pos < pos) and current.next:
        prev = current
            current = current.next
            current = current.next
            current = node
            node .next = current

return self.head

def deleveNode(self, position):
    if self.head == None:
    return
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4. Doubly linked list

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class Node:
    def __init__ (self, data):
        self.data = data
        self.prev = None

class DoublyLinkedList:
    def __init__ (self):
        self.head = None

    def __aval(self, new_data):
        print("menambah pada aval", new_data)
        new node = Node (new_data)
        new node = Node (new_data)
        new node.next = self.head
        if self.head.prev = new_node
        self.head.prev = new_node
        self.head.prev = new_node
        self.head aval;
        print("menambah pada akhir", new_data)
        new_node = Node(new_data)
        new_node = Node(new_data)
        new_node.next = None
        if self.head is None:
            new_node.prev = None
        self.head = new_node
        return
        lost = self.head
   File Edit Format Run Options Window Help
                          return
last = self.head
while(last.next is not None):
last = last.next
last.next = new_node
new_node.prev = last
return
new_node.prev = last
return

def printist(self, node):
    print("NnBarl Depan:")
    while(node is not None):
        print(" % d" % (node.data))
        last = node
        node = node.next
    print("NnBarl Belakang:")
    while(last is not None):
        print("" d" % (last.data))
        last = last.prev

llist = DoublyLinkedList()

llist.awal(")

llist.awal(1)
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   >>> menambah pada awal 7 menambah pada awal 1 menambah pada akhir 6 menambah pada akhir 4
   Dari Depan :
   Dari Belakang :
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