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NIM : L200180028

Modul 3

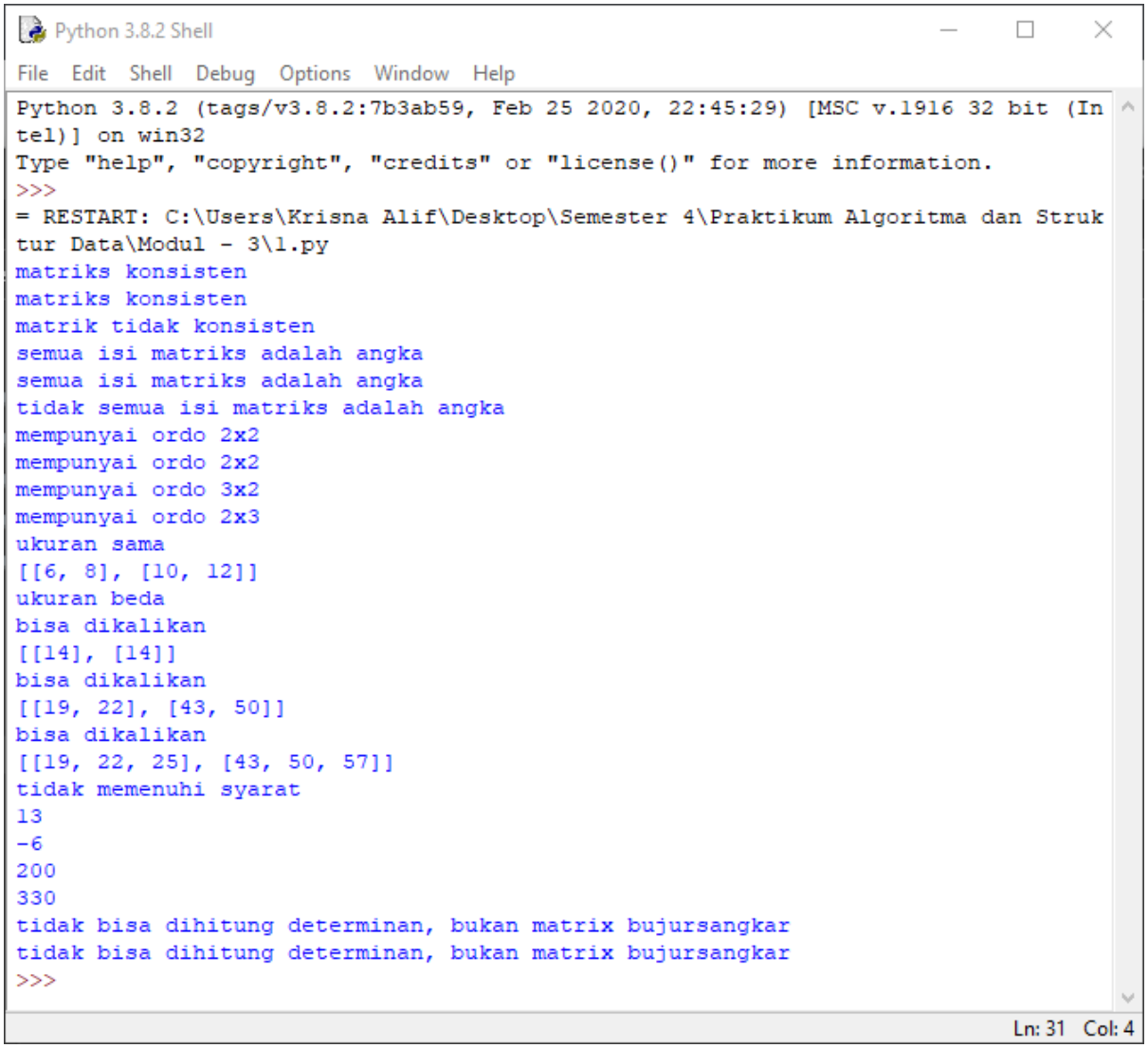
1. Array Dua Dimensi

1.py - C:\Users\Krisna Alif\Desktop\Semester 4\Praktikum Algoritma dan Struktur Data\Modu...

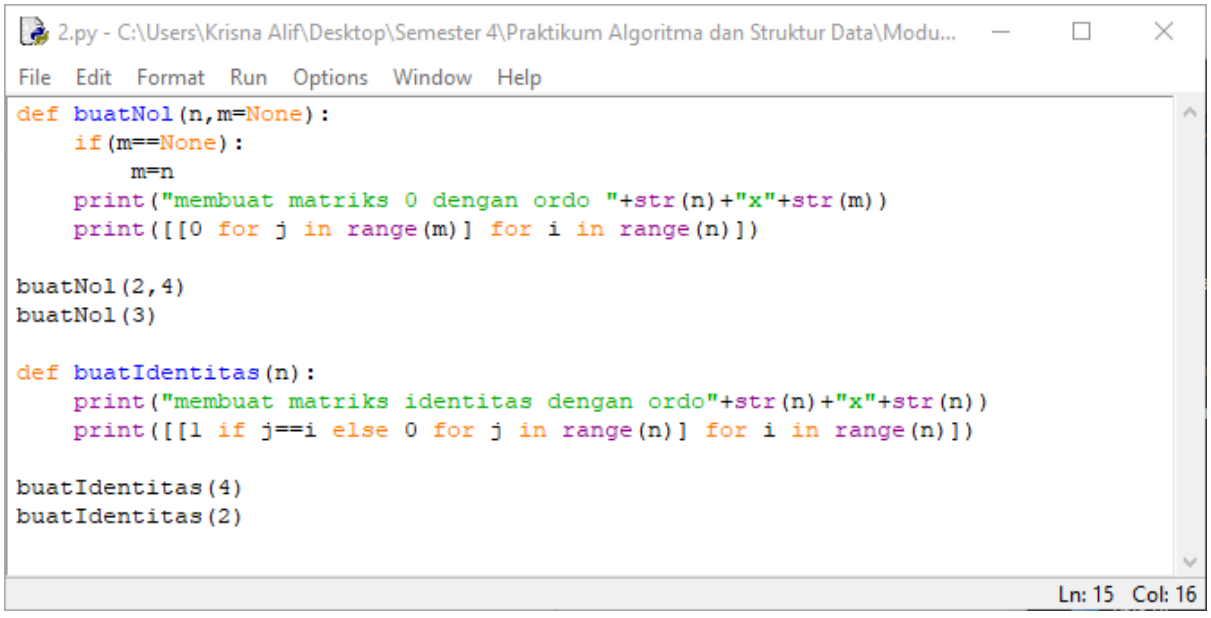
File Edit Format Run Options Window Help

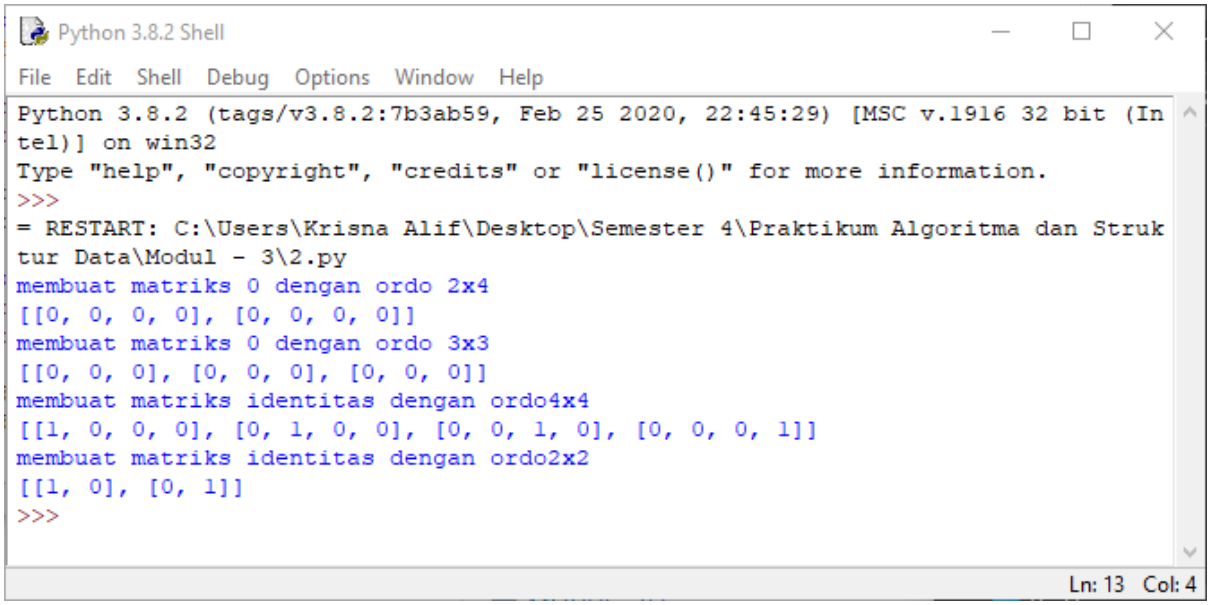
```
a = [[1,2],[3,4]]
b = [[5,6],[7,8]]
c = [[12,3,"x","y"],[12,33,4]]
d = [[3,4],[2,4],[1,5]]
e = [[5,6,7],[7,8,9]]
f = [[1,2,3],[4,5,6],[7,8,9]]

def cekKonsisten(n):
    x = len(n[0])
    z = 0
    for i in range(len(n)):
        if (len(n[i]) == x):
            z+=1
    if(z == len(n)):
        print("matriks konsisten")
    else:
        print("matrik tidak konsisten")

cekKonsisten(a)
cekKonsisten(b)
cekKonsisten(c)

def cekInt(n):
    x = 0
    y = 0
    for i in n:
        for j in i:
            y+=1
            if (str(j).isdigit()==False):
                print("tidak semua isi matriks adalah angka")
                break
            else:
                x+=1
    if(x==y):
        print("semua isi matriks adalah angka")

cekInt(a)
cekInt(b)
cekInt(c)
```

Ln: 1 Col: 0

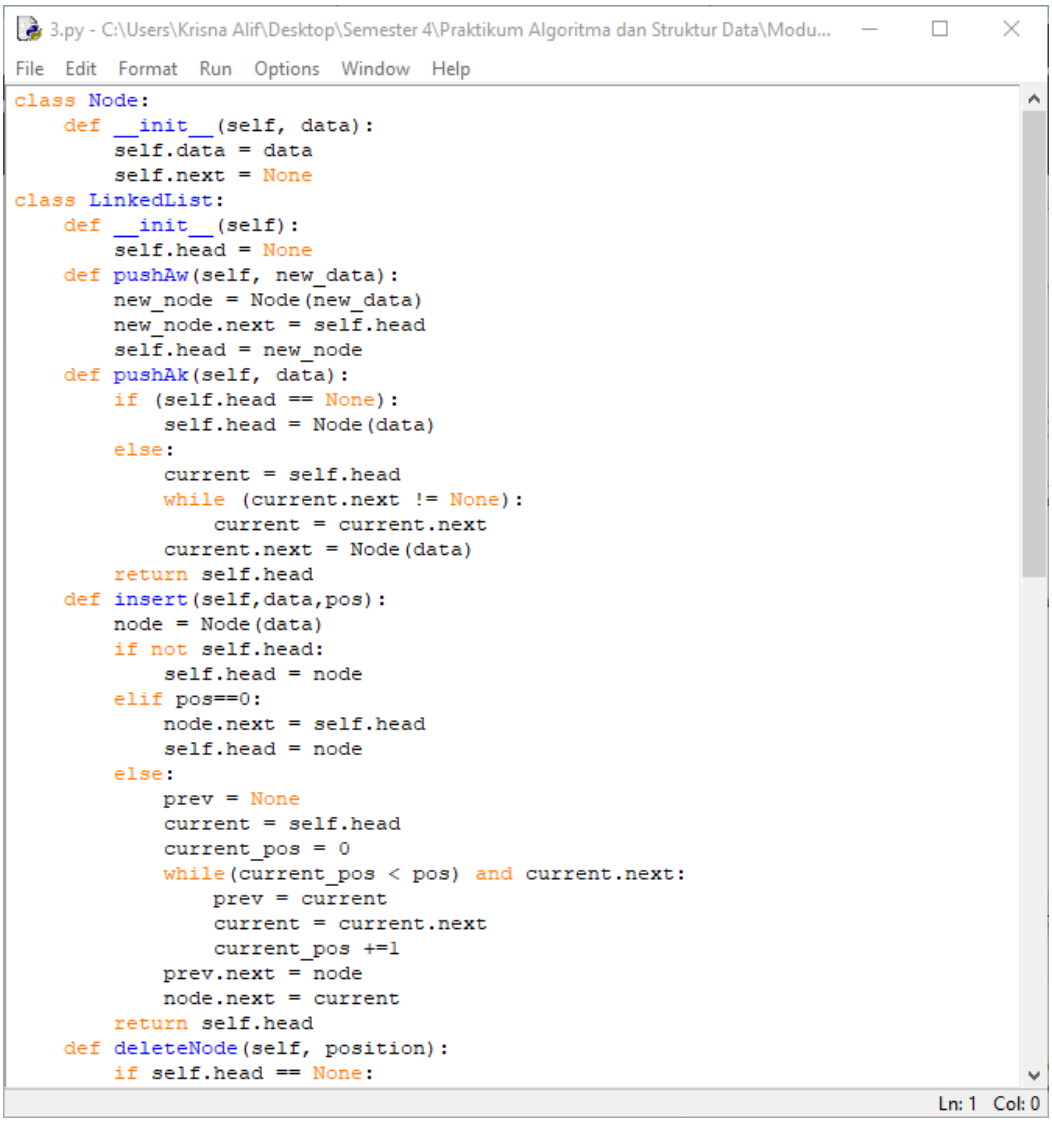


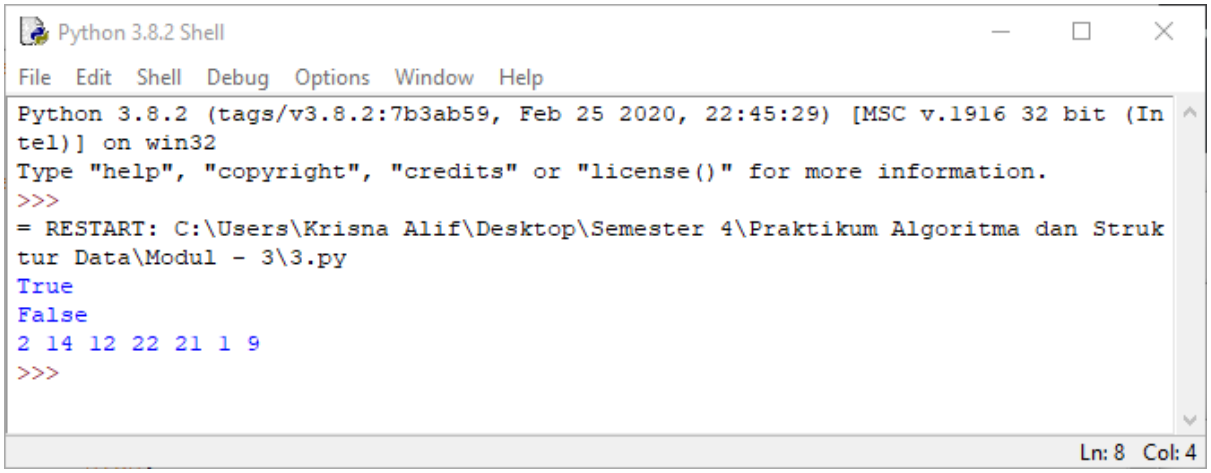
2. Matrix dan List Comprehension



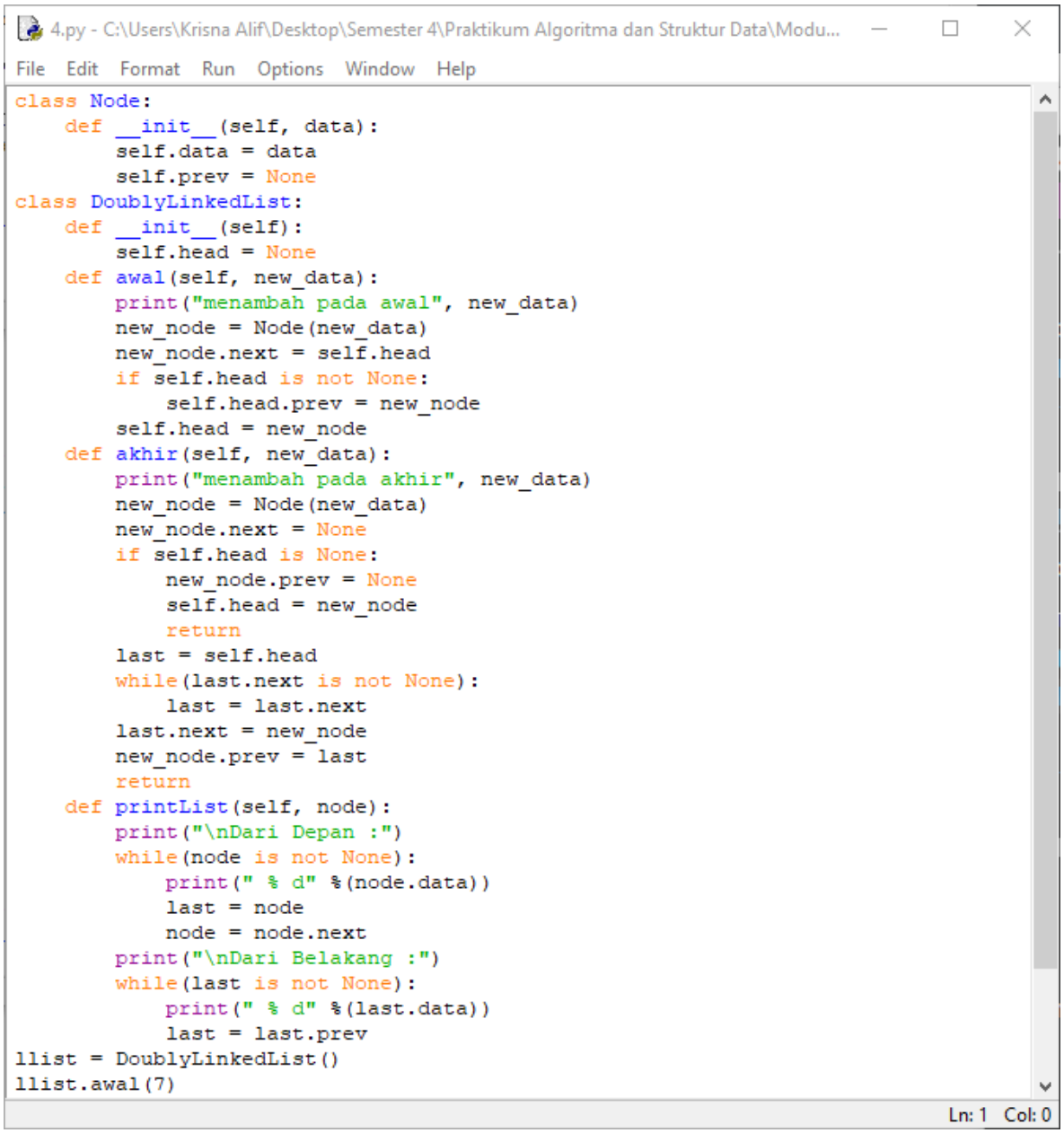


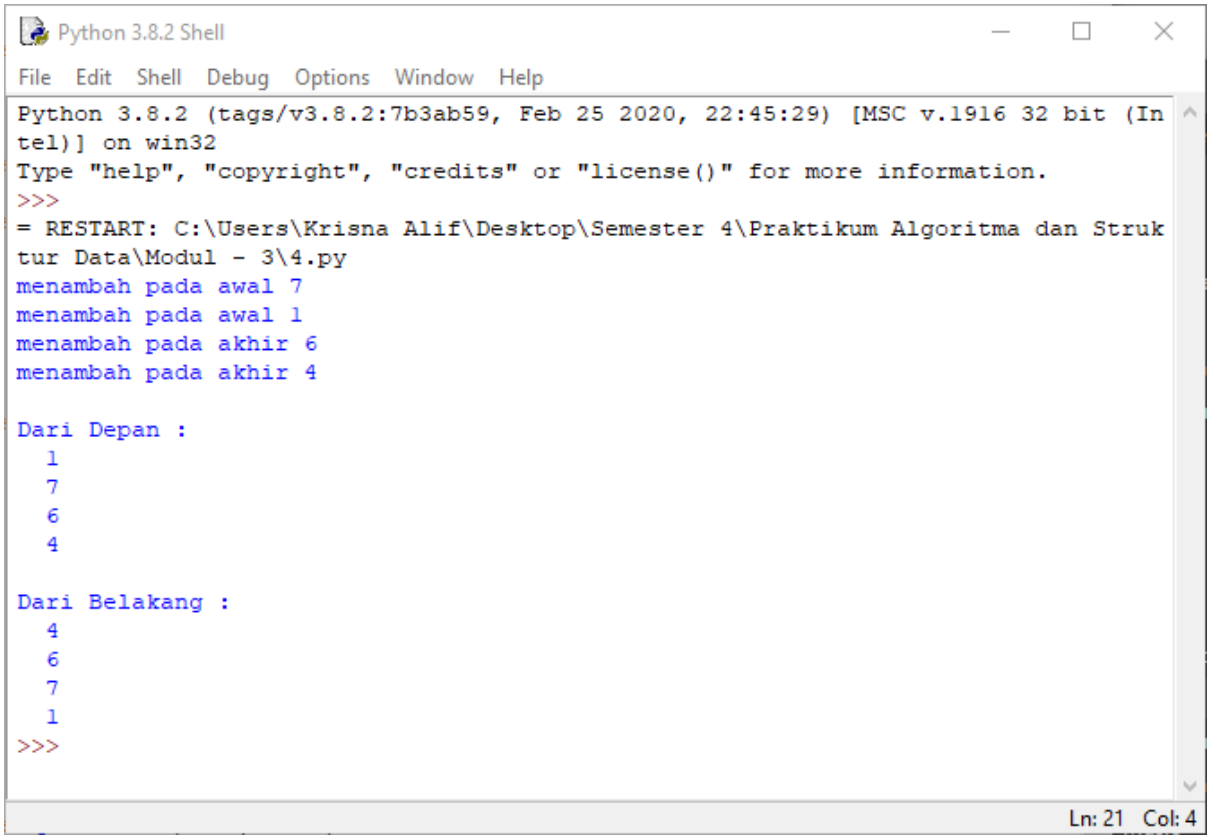
3. Linked List





4. Doubly Linked List




Python 3.8.2 Shell
File Edit Shell Debug Options Window Help
Python 3.8.2 (tags/v3.8.2:7b3ab59, Feb 25 2020, 22:45:29) [MSC v.1916 32 bit (Intel)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
= RESTART: C:\Users\Krisna Alif\Desktop\Semester 4\Praktikum Algoritma dan Struktur Data\Modul - 3\4.py
menambah pada awal 7
menambah pada awal 1
menambah pada akhir 6
menambah pada akhir 4
Dari Depan :
1
7
6
4
Dari Belakang :
4
6
7
1
>>>
Ln: 21 Col: 4