AININ M.A L200180195

G

NOMOR 1

• NOMOR 2

NOMOR 3

```
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class Mhs (object):

def __init (self, nama, nim, kota, uangsaku):
    self.nama = nama
    self.nama = nama
    self.nama = nama
    self.kotafinggal = kota
    self.wampSaku = uangsaku

m0 = Mhs ("Abraham", 107, "Sukoharjo", 240000)
    m1 = Mhs ("Bella", 113, "Stagen", 230000)
    m2 = Mhs ("Chym", 145, "Surakatta", 250000)
    m3 = Mhs ("Fin", 131, "Salatiga", 250000)
    m5 = Mhs ("Fin", 131, "Salatiga", 250000)
    m6 = Mhs ("Rilming", 123, "Klaten", 245000)
    m7 = Mhs ("Mana", 103, "Klaten", 245000)
    m8 = Mhs ("Isna", 213, "Klaten", 245000)
    m9 = Mhs ("Isna", 213, "Klaten", 245000)
    m10 = Mhs ("Kilbill", 129, "Furwodadi", 265000)
    Deftar = [m0, ml, m2, m3, m4, m5, m6, m7, m8, m9, m10]

def cariUangSakuTerkecil ():
    terkecil = Daftar[i].uangSaku
    x = []
    a = cariUangSakuTerkecil
    for i in range (len(Daftar)):
        if bettar[i].uangSaku
    terkecil = Daftar[i].uangSaku
    terkecil = Daftar[i].uangSaku
```

• NOMOR 4

```
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class Mths(object):

def __init__ (self, nama, nim, kota, uangsaku):
    self.nama = nama
    self.nim = nama
    self.nim = nama
    self.nama = nama
    s
```

• NOMOR 5

```
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class node (object):
    def_init_ (self, data, next = None):
        self.data = data
        self.next = next

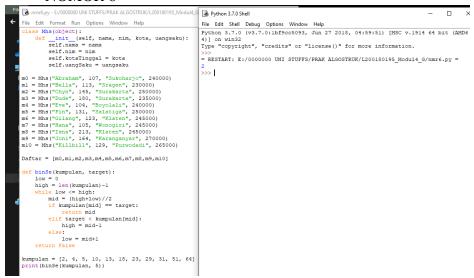
def cariLinkedList(self, dicari):
    curNode = self
    while curNode is not None:
    if curNode next != None:
        print ("Data", dicari, "ada dalam Linked List")
        break
    elif curNode.next == None:
        print ("Data", dicari, "tidak ada dalam Linked List")
        break
    a = node (30)
    menu = a
    a.next = node (22)
    a = a.next
    a.next = node (99)

menu.cariLinkedList(39)

menu.cariLinkedList(39)

menu.cariLinkedList(39)
```

• NOMOR 6



NOMOR 7

```
| We mant/py-t-MONOMOROUN SIDE-MPMAR AGGOS MUN/LZONENTS Modul4_Unmart/py (A.M)
| File Edit Format Ran Options Window Help

mo = Mhs ("Abraham", 107, "Sukoharjo", 240000)
m1 = Mha ("Rbraham", 107, "Sukoharjo", 240000)
m2 = Mhs ("Chyn", 145, "Surakarta", 250000)
m3 = Mhs ("Chyn", 145, "Surakarta", 250000)
m3 = Mhs ("Chyn", 145, "Surakarta", 250000)
m4 = Mhs ("Eve", 104, "Boyolali", 240000)
m6 = Mhs ("Gilan", 105, "Mixeen", 245000)
m7 = Mhs ("Hana", 105, "Monogiri", 245000)
m8 = Mhs ("Silan", 128, "Mixeen", 245000)
m9 = Mhs ("Silan", 128, "Riater", 245000)
m9 = Mhs ("Silan", 128, "Riater", 245000)
m10 = Mhs ("Riinan", 128, "Riater", 245000)
m10 = Mhs ("Riinan", 128, "Riater", 245000)
m2 = Mhs ("Riinan", 128, "Riater", 245000)
m3 = Mhs ("Riinan", 128, "Riater", 245000)
m4 = Mhs ("Riinan", 128, "Riater", 245000)
m5 = Mhs ("Riinan", 128, "Riater", 245000)
m6 = Mhs ("Riinan", 128, "Riater", 245000)
m6 = Mhs ("Riinan", 128, "Riater", 245000)
m7 = Mhs ("Riinan", 128, "Riater", 245000)
m8 = Mhs ("Riinan", 128, "Riater", 245000)
m8 = Mhs ("Riinan", 128, "Riater", 245000)
m8 = Mhs ("Riinan", 128, "Riater", 245000)
m9 = Mhs ("Riinan", 108, ms, ms, ms, ms, ms, ms)
m10 = Mhs ("Riinan", 128, "Riater", 245000)
m10 = Mhs ("Riinan", 108, "Riinan", 108, "Riinan"
```

• NOMOR 8

```
mrr8.py - E:/0000000 UNI STUFFS/PRAK ALGOSTRUK/L200180195_Modul4_G/nmr8.py (3.7.0)
                                                                                                        _ 🗆
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print
"""Dalam hal ini digunakan konsep Big-O. Dimana menggunakan
rumus O(log n),Di mana log berasal dari pangkat log berbasis 2 dengan rincian 1=1, 2=2, 4=3, 10=4, 100=7, 1000=10. Dengan begitu kita dapat mengetahui jumlah maksimal tebakan.
Untuk pola sendiri:
           apabila ingin menebak angka 70
            a = nilai tebakan pertama // 2
            tebakan selanjutnya = nilai tebakan "lebih dari" + a
            *jika hasil tebakan selanjutnya "kurang dari", maka nilai yang dipakai
            tetap nilai lebih dari sebelumnya^\star
      Simulasi
            tebakan ke 1: 50 (mengambil nilai tengah) jawaban= "lebih dari itu" tebakan ke 2: 75 (dari 50 + 25) jawaban = "kurang dari itu" tebakan ke 3: 62 (dari 50 + 12) jawaban = "lebih dari itu"
            tebakan ke 4: 68 (dari 62 + 6) jawaban = "lebih dari itu"
tebakan ke 5: 71 (dari 68 + 3) jawaban = "kurang dari itu"
tebakan ke 6: 69 (dari 68 + 1) jawaban = "lebih dari itu"
            tebakan ke 7: antara 71 dan 69 hanya ada 1 angka = 70!!!
....
```