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Modul 5

```
modul5.py - D:/TUGAS KAMPUS/prak ASD/modul5.py (3.8.3)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ø
| Mendulspy - Dr/UGAS KAMPUS/prak ASD/modulspy (3.8.3)
| File Edit Fgrmst Bun Options Window Help
| Class Mahasiswa(object):
| """Class Manusia yang dibangun dari class manusia"""
| def _init (self,nama, NIM, kota, us):
| """Metode inisiasi ini menutupi metode inisiasi di class Manusia"""
| self.nama = nama | self.nama = nama | self.NIM = NIM | self.kotaTinggal = kota | self.uangSaku = us
  class MhsTIF (Mahasiswa):
    """Class MhsTIF yang dibangun dari class Mahasiswa"""
    def katakanPy(self):
        print('Python is cool.')
print('Fython is cool.')

Daftar = [MhsTIF ('Ika',110, 'Sukoharjo', 240000),

MhsTIF ('Budi',215, 'Sragen', 230000),

MhsTIF ('Ahmad',222, 'Surakarta', 250000),

MhsTIF ('Chandra',218, 'Surakarta', 230000),

MhsTIF ('Eka',214, 'Boyolali', 240000),

MhsTIF ('Bandi',321, 'Salatiga', 250000),

MhsTIF ('Bandi',321, 'Salatiga', 245000),

MhsTIF ('Saluh',522, 'Wnoogiri', 245000),

MhsTIF ('Mhsan',264, 'Karanganyar', 270000),

MhsTIF ('Khalid',129, 'Purwodadi', 265000)]
#1
def ceknim (d):
    for i in d:
    print (i.NIM)
    def swap (a, p, q) :
    tmp = a[p]
    a[p] = a[q]
    a[q] = tmp
def urunim(d):
    n = len(d)
    for i in range (n -1):
        for k in range (n-i-1):
            if d[k].NIM > d[k+1].NIM:
            swap(d, k, k+1)
##cara menampilkan
#furutnim(Daftar)
##ceknim(Daftar)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Ln: 97 Col: 0
 modul5.py - D:/TUGAS KAMPUS/prak ASD/modul5.py (3.8.3)
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def swap (a, p, q) :
    tmp = a[p]
    a[p] = a[q]
    a[q] = tmp
a[q] ~ .

def urut(d):
    n = len (d)
    for i in range (n -1):
        if d[k] > d[k+1]:
            swap(d,k,k+1):
from time import time as detak
from random import shuffle as kocok
def swap(A,p,q):
tmp = A[p]
A[p] = A[q]
A[q] = tmp
  def selectionSort(A):
    n = len(A)
    for i in range(n-1):
        indexKecil = cariPosisiYangTerkecil(A, i, n)
        if indexKecil!= i :
```