

ALGORITMA DAN PEMROGRAMAN

MENGOLAH DATA PADA BAERKAS



DISUSUN OLEH:

RAMADHANA WAHID AJI PAMUNGKAS

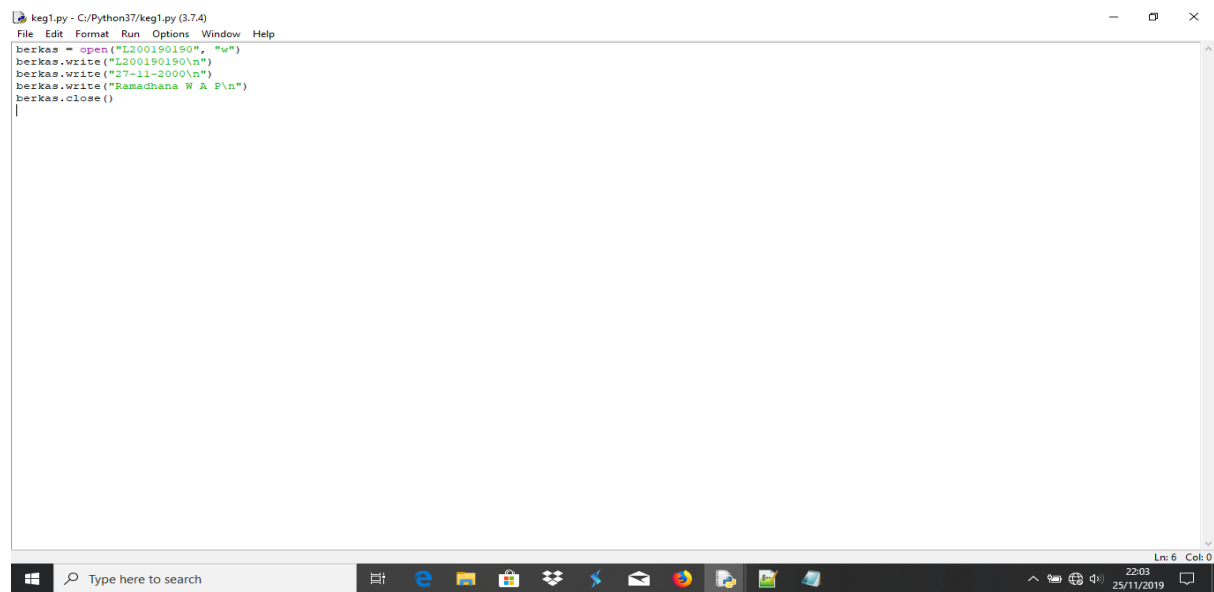
L200190190

INFORMATIKA

FAKULTAS KOMUNIKASI DAN INFORMATIKA
UNIVERSITAS MUHAMMADIYAH SURAKARTA

2019

KEGIATAN 1. Menulis berkas teks

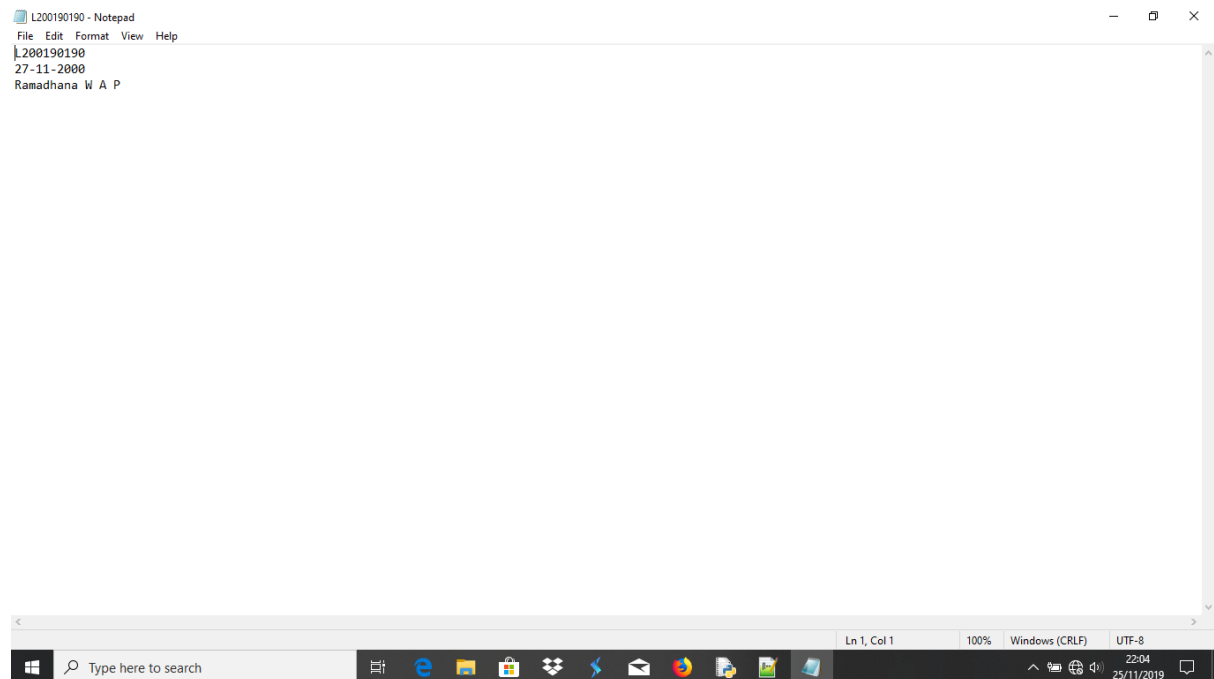


A screenshot of a Python script editor window titled 'keg1.py - C:/Python37/keg1.py (3.7.4)'. The window has a menu bar with 'File', 'Edit', 'Format', 'Run', 'Options', 'Window', and 'Help'. The script content is as follows:

```
berkas = open("L200190190", "w")
berkas.write("L200190190\n")
berkas.write("27-11-2000\n")
berkas.write("Ramadhana W A P\n")
berkas.close()
```

The status bar at the bottom right shows 'Ln: 6 Col: 0'. The Windows taskbar is visible at the bottom with the search bar and various application icons.

HASIL DARI NOTEPAD

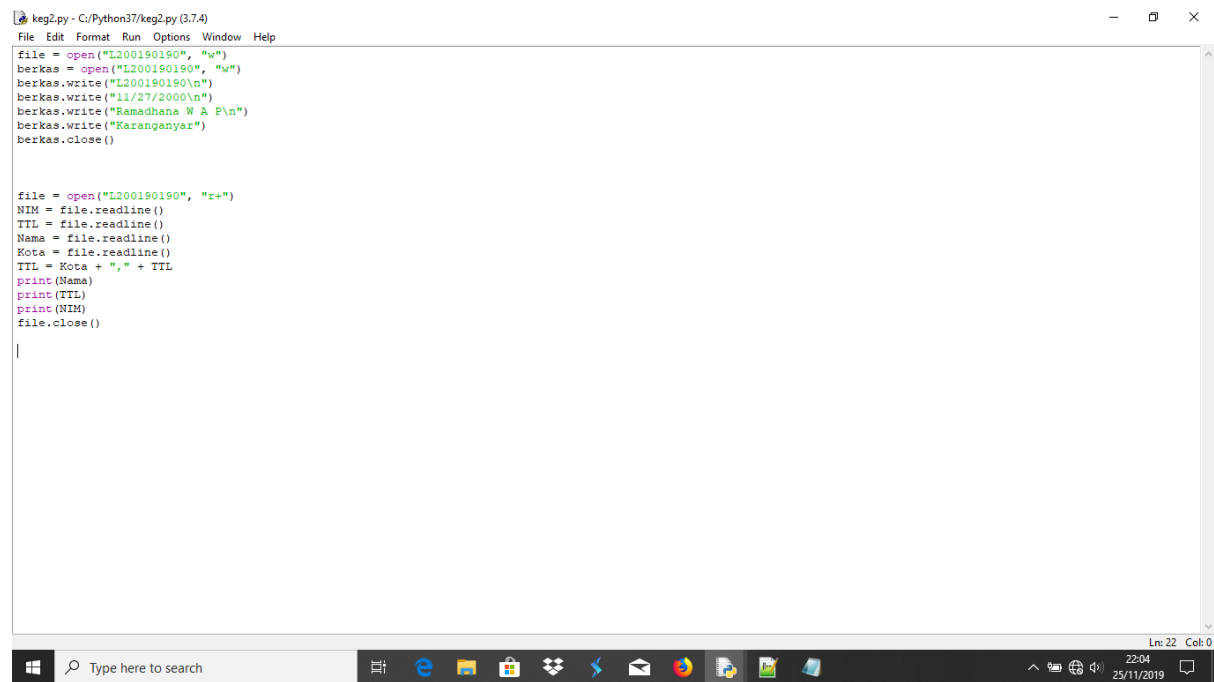


A screenshot of a Notepad window titled 'L200190190 - Notepad'. The window has a menu bar with 'File', 'Edit', 'Format', 'View', and 'Help'. The text content is as follows:

```
L200190190
27-11-2000
Ramadhana W A P
```

The status bar at the bottom right shows 'Ln 1, Col 1', '100%', 'Windows (CRLF)', and 'UTF-8'. The Windows taskbar is visible at the bottom with the search bar and various application icons.

KEGIATAN 2. Membaca berkas teks



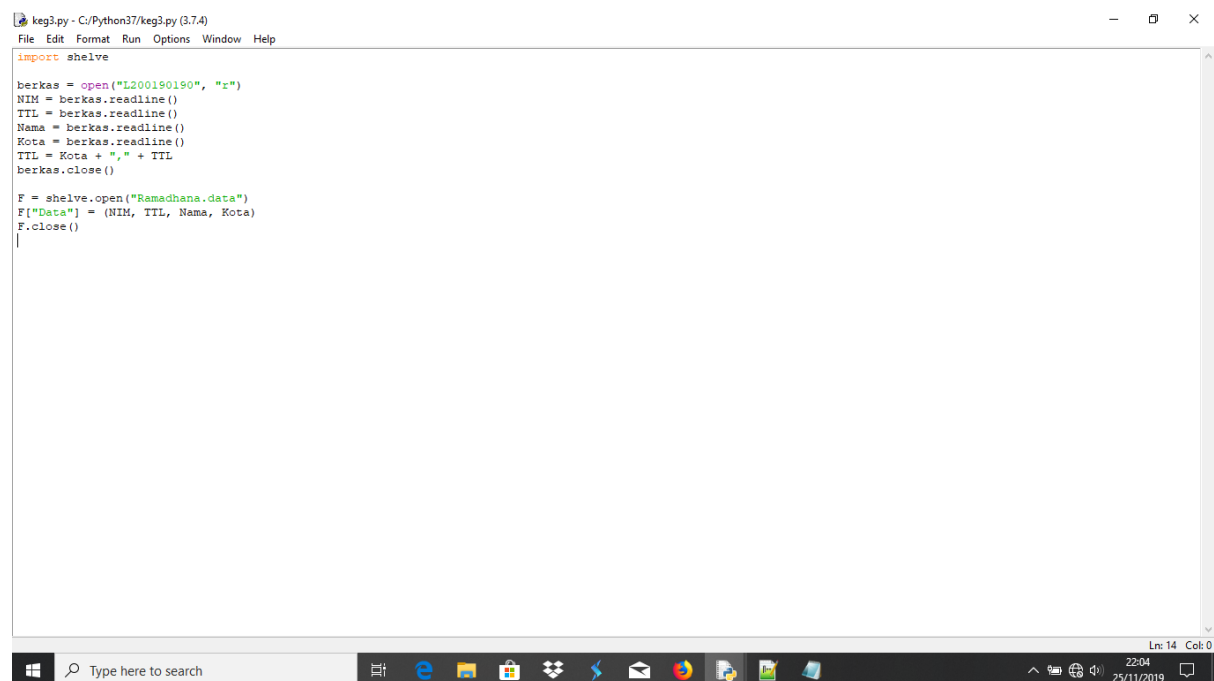
The screenshot shows a Python IDE window titled 'keg2.py - C:/Python37/keg2.py (3.7.4)'. The code in the editor is as follows:

```
file = open("L200190190", "w")
berkas = open("L200190190", "w")
berkas.write("L200190190\n")
berkas.write("11/27/2000\n")
berkas.write("Ramadhana W A P\n")
berkas.write("Karanganyar")
berkas.close()

file = open("L200190190", "r+")
NIM = file.readline()
TTL = file.readline()
Nama = file.readline()
Kota = file.readline()
TTL = Kota + "," + TTL
print(Nama)
print(TTL)
print(NIM)
file.close()
```

The IDE interface includes a menu bar (File, Edit, Format, Run, Options, Window, Help), a search bar, and a taskbar at the bottom with various application icons. The status bar at the bottom right indicates 'Ln: 22 Col: 0'.

KEGIATAN 3. Membaca data dari berkas teks dan menyimpan ke shelfe



The screenshot shows a Python IDE window titled 'keg3.py - C:/Python37/keg3.py (3.7.4)'. The code in the editor is as follows:

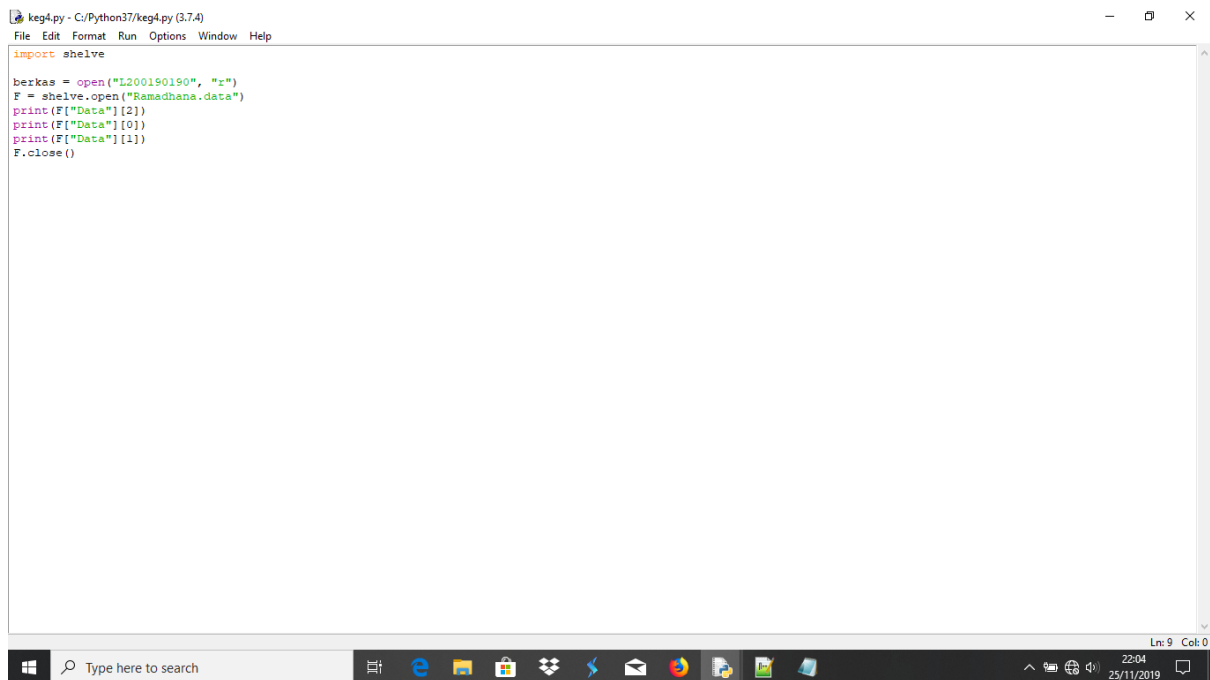
```
import shelve

berkas = open("L200190190", "r")
NIM = berkas.readline()
TTL = berkas.readline()
Nama = berkas.readline()
Kota = berkas.readline()
TTL = Kota + "," + TTL
berkas.close()

F = shelve.open("Ramadhana.data")
F["Data"] = (NIM, TTL, Nama, Kota)
F.close()
```

The IDE interface is similar to the previous screenshot, with a menu bar, search bar, and taskbar. The status bar at the bottom right indicates 'Ln: 14 Col: 0'.

KEGIATAN 4. Membaca shelve

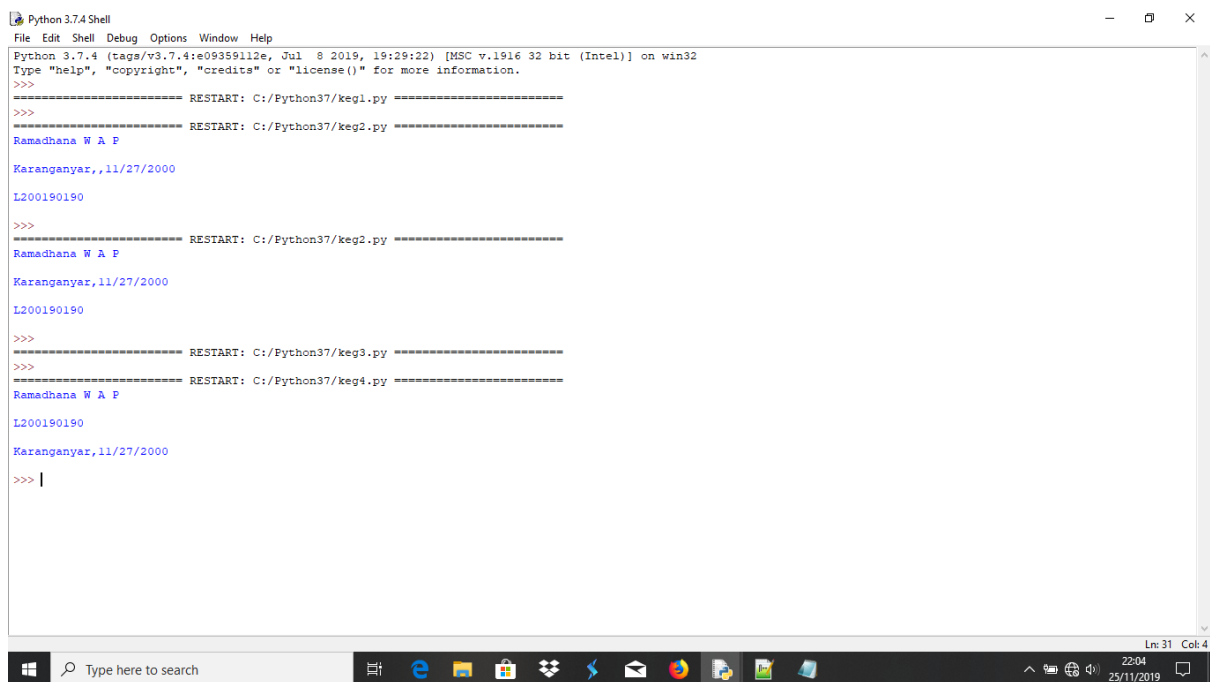


```
File Edit Format Run Options Window Help
import shelve

berkas = open("L200190190", "r")
F = shelve.open("Ramadhana.data")
print(F["Data"][2])
print(F["Data"][0])
print(F["Data"][1])
F.close()
```

Ln: 9 Col: 0

HASIL DARI MODE INTERAKTIF



```
Python 3.7.4 Shell
File Edit Shell Debug Options Window Help
Python 3.7.4 (tags/v3.7.4:e0935112e, Jul 8 2019, 19:29:22) [MSC v.1916 32 bit (Intel)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
===== RESTART: C:/Python37/keg1.py =====
>>>
===== RESTART: C:/Python37/keg2.py =====
Ramadhana W A P
Karanganyar,,11/27/2000
L200190190
>>>
===== RESTART: C:/Python37/keg2.py =====
Ramadhana W A P
Karanganyar,11/27/2000
L200190190
>>>
===== RESTART: C:/Python37/keg3.py =====
>>>
===== RESTART: C:/Python37/keg4.py =====
Ramadhana W A P
L200190190
Karanganyar,11/27/2000
>>> |
```

Ln: 31 Col: 4