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Kelas: Praktikum Algoritma dan Struktur data H

MODUL 7

Regular Expressions

Nomer 1



MODUL 7.py - E:/KULIAH/semester4/PRAK_ALGOSTRUK/MODUL 7/MODUL 7.py (2.7.15)

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```
# NOMER 1
```

```
import re
f=open('indonesia.txt','r')
baca = f.read()
f.close()
a=r'me\w+'
kata = re.findall(a,baca)
print(kata)
```

Hasil

Python 2.7.15 Shell Python 2.7.15:ca079a3ea3, Apr 30 2018, 16:22:17) [MSC v.1500 32 bit (Intel)] on win32 Type "copyright", "credits" or "license()" for more information. Fython 2.7.15 (v2.7.15:ca078a3ea3, Apr 30 2015, 16:22:17) [MSC v.1500 32 bit [Intel]] on win32
Type "copyright", "creditars or "license()" for more information.

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Nomer 2

Nomer 3

```
MODUL 7.py - E:/KULIAH/semester4/PRAK_ALGOSTRUK/MODUL 7/MODUL 7.py (2.7.15)

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#Nomer 3

import re
f=open('Indonesia.txt','r')
baca = f.read()
f.close()
kata = r"di \w+"
diTempat= re.findall(kata,baca)
print(diTempat)
```

Hasil

Nomer 4

MODUL 7.py - E:/KULIAH/semester4/PRAK_ALGOSTRUK/MODUL 7/MODUL 7.py (2.7.15)

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```
#Nomer 4a
import re
print("Nomer 4 a menampilkan nama-nama Negara")
f=open('KEI.html','r', encoding='latinl')
teks = f.read()
f.close()
namaNegara=r'([\w+]+)</a>'
kata=re.findall(namaNegara,teks)
print(kata)
#Nomer 4b
print ("Nomer 4 b menampilkan nama-nama Negara beserta Innovation Index nya")
f=open('KEI.html','r', encoding='latinl')
a = f.read()
f.close()
Negara = r'title="([\w+]+)">"
Index = r'''>([\w+]+)</a>\n([0-9.]+)'
hasil = re.findall(Negara,a)
hasil = re.findall(Index,a)
p=[]
for x in hasil:
   p.append((x[0], float(x[1])))
print(p)
```

Hasil

Nomes 4 a menampilkan nama-nama Negara
['Dermark', 'Sweden', 'Finland', 'Netherlands', 'Norway', 'Canada', 'Switzerland', 'Kingdom', 'States', 'Australia', 'Ireland', 'Austria', 'Ioeland', 'Germany', 'Zeala nd', 'Belgium', 'Taiwan', 'Luxembourg', 'Japan', 'Fannee', 'Estonia', 'Slovenia', 'Spain', 'Singapore', 'Israel', 'China', 'Italy', 'Nungary', 'Republic', 'Lithuania', 'Korea', 'Latvia', 'Oppura', 'Fortugal', 'Gereac', 'Coland', 'Slovenia', 'Barbain', 'Gina', 'Taiwan', 'Taiwan', 'Taiwan', 'Wangary', 'Republic', 'Cithuania', 'Roya', 'Rica', 'Malaysia', 'Federation', 'Bahrain', 'Wawait', 'Warbadow', 'Croala', 'Slovenia', 'Palara', 'Taiwan', 'Aradeonia', 'Mariturius', 'Arada', 'Manaica', 'Wangara', 'Wangara',