## PRAKTIKUM ALGORITMA DAN STRUKTUR DATA MODUL 7 REGULAR EXPRESSIONS



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## A. Soal-soal mahasiswa

1. Meng-ekstrak kata-kata dengan awalan 'me'.

a. Kode

```
import re
file = open("Indonesia.txt","r", encoding = "utf-8")
teks = file.read()
file.close()
string = []
string = re.findall(r"me\w+", teks)
print(string)
```

b. Output

```
Windows PowerShell
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Try the new cross-platform PowerShell https://aka.ms/pscore6

PS E:\Wuliah\Semester 4\Praktikum ASD\Wodul 7> & 'C:\Users\Asus\AppData\Local\Wicrosoft\WindowsApps\python3.10.exe' 'c:\Users\Asus\.vscode\extensions\ms-pyth on.python-2023.6.1\pythonfiles\lib\pythonfiles\lib\pythonfiles\lib\pythonfiles\lib\pythonfiles\lib\pythonfiles\lib\pythonfiles\lib\pythonfiles\lib\pythonfiles\lib\pythonfiles\lib\pythonfiles\lib\pythonfiles\lib\pythonfiles\lib\pythonfiles\lib\pythonfiles\lib\pythonfiles\lib\pythonfiles\lib\pythonfiles\lib\pythonfiles\lib\pythonfiles\lib\pythonfiles\lib\pythonfiles\lib\pythonfiles\lib\pythonfiles\lib\pythonfiles\lib\pythonfiles\lib\pythonfiles\lib\pythonfiles\lib\pythonfiles\lib\pythonfiles\lib\pythonfiles\lib\pythonfiles\lib\pythonfiles\lib\pythonfiles\lib\pythonfiles\lib\pythonfiles\lib\pythonfiles\lib\pythonfiles\lib\pythonfiles\lib\pythonfiles\lib\pythonfiles\lib\pythonfiles\lib\pythonfiles\lib\pythonfiles\lib\pythonfiles\lib\pythonfiles\lib\pythonfiles\lib\pythonfiles\lib\pythonfiles\lib\pythonfiles\lib\pythonfiles\lib\pythonfiles\lib\pythonfiles\lib\pythonfiles\lib\pythonfiles\lib\pythonfiles\lib\pythonfiles\lib\pythonfiles\lib\pythonfiles\lib\pythonfiles\lib\pythonfiles\lib\pythonfiles\lib\pythonfiles\lib\pythonfiles\lib\pythonfiles\lib\pythonfiles\lib\pythonfiles\lib\pythonfiles\lib\pythonfiles\lib\pythonfiles\lib\pythonfiles\lib\pythonfiles\lib\pythonfiles\lib\pythonfiles\lib\pythonfiles\lib\pythonfiles\lib\pythonfiles\lib\pythonfiles\lib\pythonfiles\lib\pythonfiles\lib\pythonfiles\lib\pythonfiles\lib\pythonfiles\lib\pythonfiles\lib\pythonfiles\lib\pythonfiles\lib\pythonfiles\lib\pythonfiles\lib\pythonfiles\lib\pythonfiles\lib\pythonfiles\lib\pythonfiles\lib\pythonfiles\lib\pythonfiles\lib\pythonfiles\lib\pythonfiles\lib\pythonfiles\lib\pythonfiles\lib\pythonfiles\lib\pythonfiles\lib\pythonfiles\lib\pythonfiles\lib\pythonfiles\lib\pythonfiles\lib\pythonfiles\lib\pythonfiles\lib\pythonfiles\lib\pythonfiles\lib\p
```

- 2. Meng-ekstrak kata-kata dengan awalan 'di'.
  - a. Kode

```
import re

file = open("Indonesia.txt","r", encoding = "utf-8")

teks = file.read()

file.close()

string = []

string = re.findall(r"di\w+", teks)

print(string)
```

b. Output

```
Windows PowerShell
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PS E:\Vailah\Semester \PowerShell \text{Noise} \text{Pscore6}

PS E:\Vailah\Semester \PowerShell \text{Noise} \
```

- 3. Meng-ekstrak kata depan 'di' dan tempat yang ditunjuknya.
  - a. Kode

```
import re
file = open("Indonesia.txt","r",encoding = "utf-8")
teks = file.read()
file.close()
string = []
string = re.findall(r"di\s\w+", teks)
print(string)
```

b. Output

```
Windows PowerShell
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Try the new cross-platform PowerShell https://aka.ms/pscore6

PS E:\Wuliah\Semester 4\Praktikum ASD\Wodul 7> & 'C:\Users\Asus\App@ata\Local\Wicrosoft\WindowsApps\python3.10.exe' 'C:\Users\Asus\.vscode\extensions\ns-python.python-2023.6.1\pythonfiles\Lib\pythonfiles\Lib\pythonfiles\Lib\pythonfiles\Lib\pythonfiles\Lib\pythonfiles\Lib\pythonfiles\Lib\pythonfiles\Lib\pythonfiles\Lib\pythonfiles\Lib\pythonfiles\Lib\pythonfiles\Lib\pythonfiles\Lib\pythonfiles\Lib\pythonfiles\Lib\pythonfiles\Lib\pythonfiles\Lib\pythonfiles\Lib\pythonfiles\Lib\pythonfiles\Lib\pythonfiles\Lib\pythonfiles\Lib\pythonfiles\Lib\pythonfiles\Lib\pythonfiles\Lib\pythonfiles\Lib\pythonfiles\Lib\pythonfiles\Lib\pythonfiles\Lib\pythonfiles\Lib\pythonfiles\Lib\pythonfiles\Lib\pythonfiles\Lib\pythonfiles\Lib\pythonfiles\Lib\pythonfiles\Lib\pythonfiles\Lib\pythonfiles\Lib\pythonfiles\Lib\pythonfiles\Lib\pythonfiles\Lib\pythonfiles\Lib\pythonfiles\Lib\pythonfiles\Lib\pythonfiles\Lib\pythonfiles\Lib\pythonfiles\Lib\pythonfiles\Lib\pythonfiles\Lib\pythonfiles\Lib\pythonfiles\Lib\pythonfiles\Lib\pythonfiles\Lib\pythonfiles\Lib\pythonfiles\Lib\pythonfiles\Lib\pythonfiles\Lib\pythonfiles\Lib\pythonfiles\Lib\pythonfiles\Lib\pythonfiles\Lib\pythonfiles\Lib\pythonfiles\Lib\pythonfiles\Lib\pythonfiles\Lib\pythonfiles\Lib\pythonfiles\Lib\pythonfiles\Lib\pythonfiles\Lib\pythonfiles\Lib\pythonfiles\Lib\pythonfiles\Lib\pythonfiles\Lib\pythonfiles\Lib\pythonfiles\Lib\pythonfiles\Lib\pythonfiles\Lib\pythonfiles\Lib\pythonfiles\Lib\pythonfiles\Lib\pythonfiles\Lib\pythonfiles\Lib\pythonfiles\Lib\pythonfiles\Lib\pythonfiles\Lib\pythonfiles\Lib\pythonfiles\Lib\pythonfiles\Lib\pythonfiles\Lib\pythonfiles\Lib\pythonfiles\Lib\pythonfiles\Lib\pythonfiles\Lib\pythonfiles\Lib\pythonfiles\Lib\pythonfiles\Lib\pythonfiles\Lib\pythonfiles\Lib\pythonfiles\Lib\pythonfiles\Lib\pythonfiles\Lib\pythonfiles\Lib\pythonfiles\Lib\pythonfiles\Lib\pythonfiles\Lib\pythonfiles\Lib\pythonfiles\Lib\pythonfiles\Lib\py
```

## 4. Meng-ekstrak data dari berkas .html.

a. Kode dan Output

b. Kode dan Output