

Tutorial Python 4

Nama : Nessa Kartika

NIM : 21001039

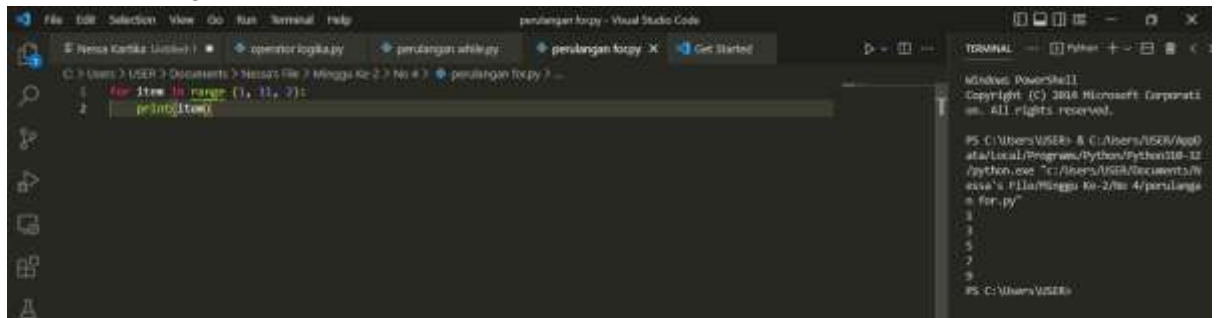
Kelas : 3D Informatika

Tutorial Python Beginner

Mempraktikkan tema pada VS-Code menggunakan PL Python

Waktu dan Tema pada video youtube :

- 1) 2:00:17 Perulangan For

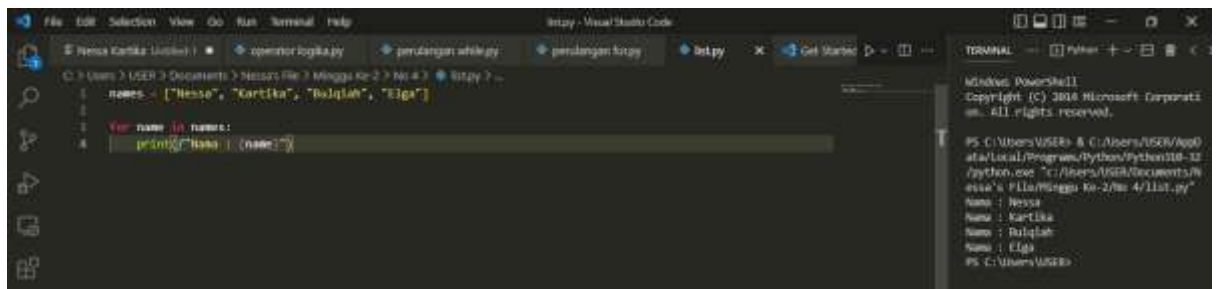


```
File Edit Selection View Go Run Terminal Help
perulangan for.py - Visual Studio Code
Nessa Kartika (unsd-1) *
perulangan for.py
1 for item in range(1, 11, 2):
2     print(item)
```

```
Microsoft PowerShell
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PS C:\Users\USER> & C:\Users\USER\AppData\Local\Programs\Python\Python38-32\python.exe "c:\Users\USER\Documents\Nessa's File\Minggu Ke-2\No 4\perulangan for.py"
1
3
5
7
9
PS C:\Users\USER>
```

- 2) 2:05:52 List

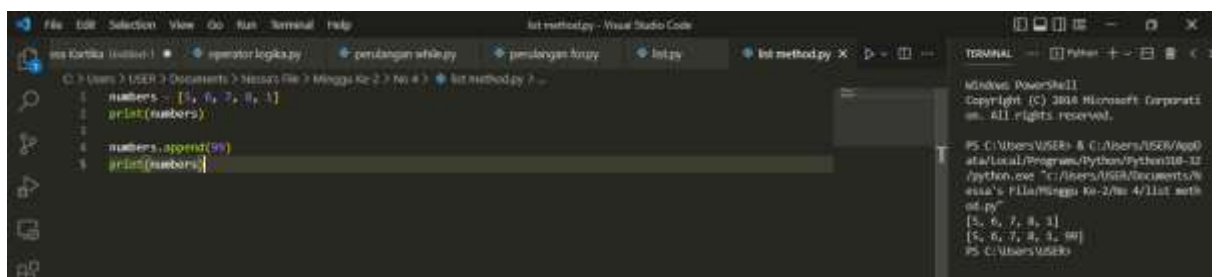


```
File Edit Selection View Go Run Terminal Help
list.py - Visual Studio Code
Nessa Kartika (unsd-1) *
perulangan while.py
perulangan for.py
list.py
1 names = ["Nessa", "Kartika", "Rulqiah", "Elga"]
2
3 for name in names:
4     print(f"Nama : {name}")
```

```
Microsoft PowerShell
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PS C:\Users\USER> & C:\Users\USER\AppData\Local\Programs\Python\Python38-32\python.exe "c:\Users\USER\Documents\Nessa's File\Minggu Ke-2\No 4\list.py"
Nama : Nessa
Nama : Kartika
Nama : Rulqiah
Nama : Elga
PS C:\Users\USER>
```

- 3) 2:10:50 List Method

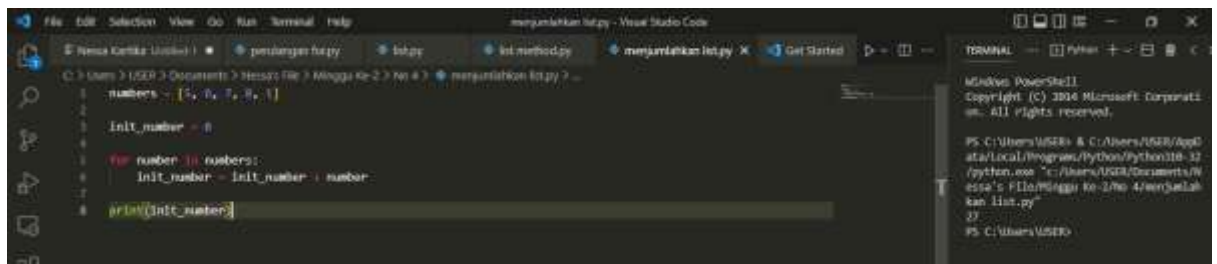


```
File Edit Selection View Go Run Terminal Help
list method.py - Visual Studio Code
Nessa Kartika (unsd-1) *
perulangan while.py
perulangan for.py
list.py
list method.py
1 numbers = [5, 6, 7, 8, 3]
2 print(numbers)
3
4 numbers.append(99)
5 print(numbers)
```

```
Microsoft PowerShell
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PS C:\Users\USER> & C:\Users\USER\AppData\Local\Programs\Python\Python38-32\python.exe "c:\Users\USER\Documents\Nessa's File\Minggu Ke-2\No 4\list method.py"
[5, 6, 7, 8, 3]
[5, 6, 7, 8, 3, 99]
PS C:\Users\USER>
```

4) 2:15:30 Menjumlahkan List



```
File Edit Selection View Go Run Terminal Help
menjumlahkan list.py - Visual Studio Code
Renna Kartika Untila - 1
list.py list method.py menjumlahkan list.py X Get Started
C:\Users\USER\Documents\Nessa's File > Minggu Ke-2 > No 4 > menjumlahkan list.py > ...
1 numbers = [5, 6, 7, 8, 1]
2
3 init_number = 0
4
5 for number in numbers:
6     init_number = init_number + number
7
8 print(init_number)
```

```
TERMINAL Python
Windows PowerShell
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PS C:\Users\USER> & C:\Users\USER\AppData\Local\Programs\Python\Python38-32\python.exe "c:/Users/USER/Documents/Nessa's File/Minggu Ke-2/No 4/menjumlahkan list.py"
27
PS C:\Users\USER>
```

5) 2:18:36 Mencari angka max



```
File Edit Selection View Go Run Terminal Help
mencari angka max.py - Visual Studio Code
Renna Kartika Untila - 1
list.py list method.py menjumlahkan list.py mencari angka max.py X Get Started
C:\Users\USER\Documents\Nessa's File > Minggu Ke-2 > No 4 > mencari angka max.py > ...
1 numbers = [5, 6, 7, 8, 1]
2
3 max_number = numbers[0]
4
5 for number in numbers:
6     if number > max_number:
7         max_number = number
8
9 print(max_number)
```

```
TERMINAL Python
Windows PowerShell
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PS C:\Users\USER> & C:\Users\USER\AppData\Local\Programs\Python\Python38-32\python.exe "c:/Users/USER/Documents/Nessa's File/Minggu Ke-2/No 4/mencari angka max.py"
8
PS C:\Users\USER>
```

6) 2:23:32 Tuple

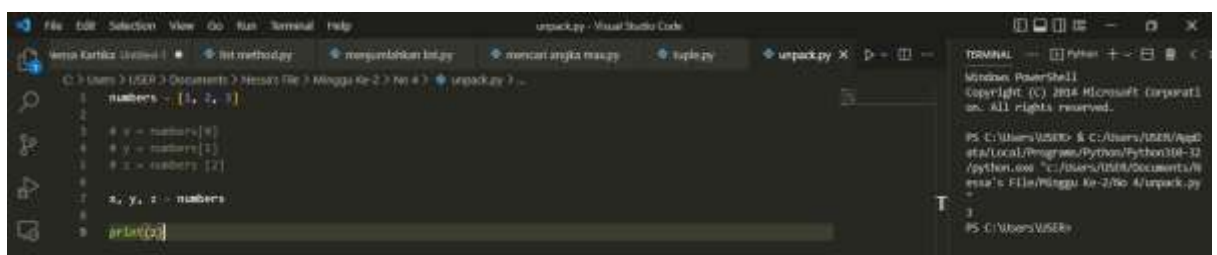


```
File Edit Selection View Go Run Terminal Help
tuple.py - Visual Studio Code
Renna Kartika Untila - 1
list.py list method.py menjumlahkan list.py mencari angka max.py tuple.py X Get Started
C:\Users\USER\Documents\Nessa's File > Minggu Ke-2 > No 4 > tuple.py > ...
1 numbers = [5, 6, 7, 8, 1]
2 print(numbers)
3 numbers[0] = 10
4 print(numbers)
```

```
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Windows PowerShell
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PS C:\Users\USER> & C:\Users\USER\AppData\Local\Programs\Python\Python38-32\python.exe "c:/Users/USER/Documents/Nessa's File/Minggu Ke-2/No 4/tuple.py"
[5, 6, 7, 8, 1]
[10, 6, 7, 8, 1]
PS C:\Users\USER>
```

7) 2:27:03 Unpack

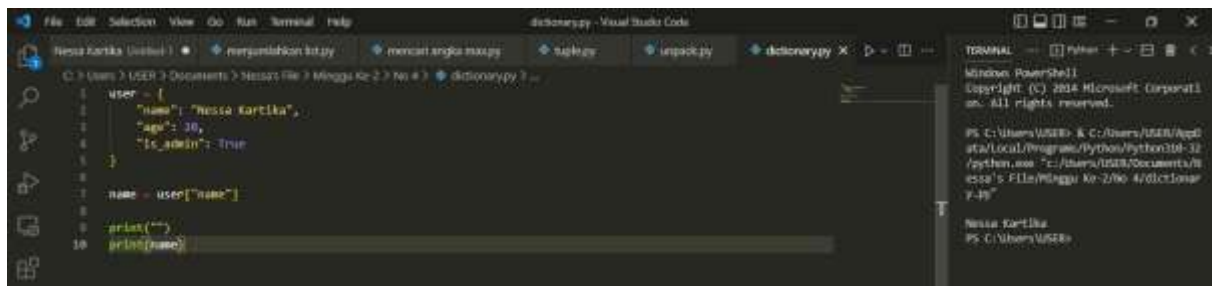


```
File Edit Selection View Go Run Terminal Help
unpack.py - Visual Studio Code
Renna Kartika Untila - 1
list method.py menjumlahkan list.py mencari angka max.py tuple.py unpack.py X Get Started
C:\Users\USER\Documents\Nessa's File > Minggu Ke-2 > No 4 > unpack.py > ...
1 numbers = [1, 2, 3]
2
3 x = numbers[0]
4 y = numbers[1]
5 z = numbers[2]
6
7 x, y, z = numbers
8
9 print(x)
```

```
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Windows PowerShell
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PS C:\Users\USER> & C:\Users\USER\AppData\Local\Programs\Python\Python38-32\python.exe "c:/Users/USER/Documents/Nessa's File/Minggu Ke-2/No 4/unpack.py"
1
PS C:\Users\USER>
```

8) 2:32:24 Dictionary

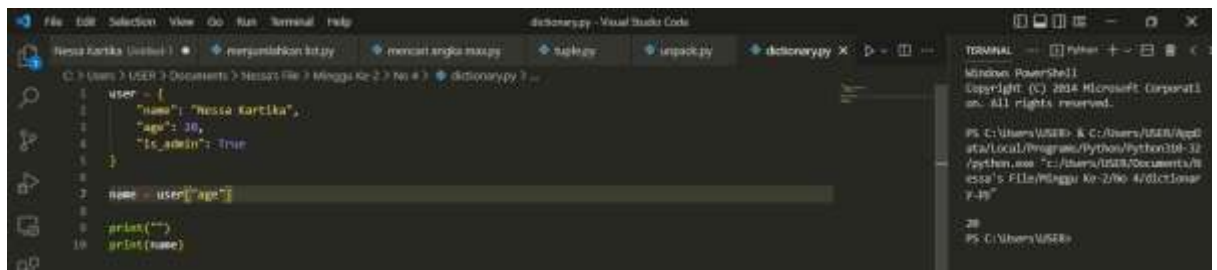


The screenshot shows the Visual Studio Code editor with a Python file named `dictionary.py`. The code defines a dictionary `user` with keys `name`, `age`, and `is_admin`. It then prints the value of `user["name"]`. The terminal on the right shows the output of the script.

```
1 user = {  
2     "name": "Nessa Kartika",  
3     "age": 30,  
4     "is_admin": True  
5 }  
6  
7 name = user["name"]  
8  
9 print("")  
10 print(name)
```

Terminal Output:

```
Windows PowerShell  
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All rights reserved.  
  
PS C:\Users\USER> & C:\Users\USER\AppData\Local\Programs\Python\Python38-32\python.exe "c:/Users/USER/Documents/Nessa's File/Minggu Ke-2/No 4/dictionary.py"  
  
Nessa Kartika  
PS C:\Users\USER>
```



The screenshot shows the Visual Studio Code editor with the same Python file `dictionary.py`. In this version, the code prints the value of `user["age"]`. The terminal on the right shows the output of the script.

```
1 user = {  
2     "name": "Nessa Kartika",  
3     "age": 30,  
4     "is_admin": True  
5 }  
6  
7 name = user["age"]  
8  
9 print("")  
10 print(name)
```

Terminal Output:

```
Windows PowerShell  
Copyright (C) 2014 Microsoft Corporation  
All rights reserved.  
  
PS C:\Users\USER> & C:\Users\USER\AppData\Local\Programs\Python\Python38-32\python.exe "c:/Users/USER/Documents/Nessa's File/Minggu Ke-2/No 4/dictionary.py"  
  
30  
PS C:\Users\USER>
```