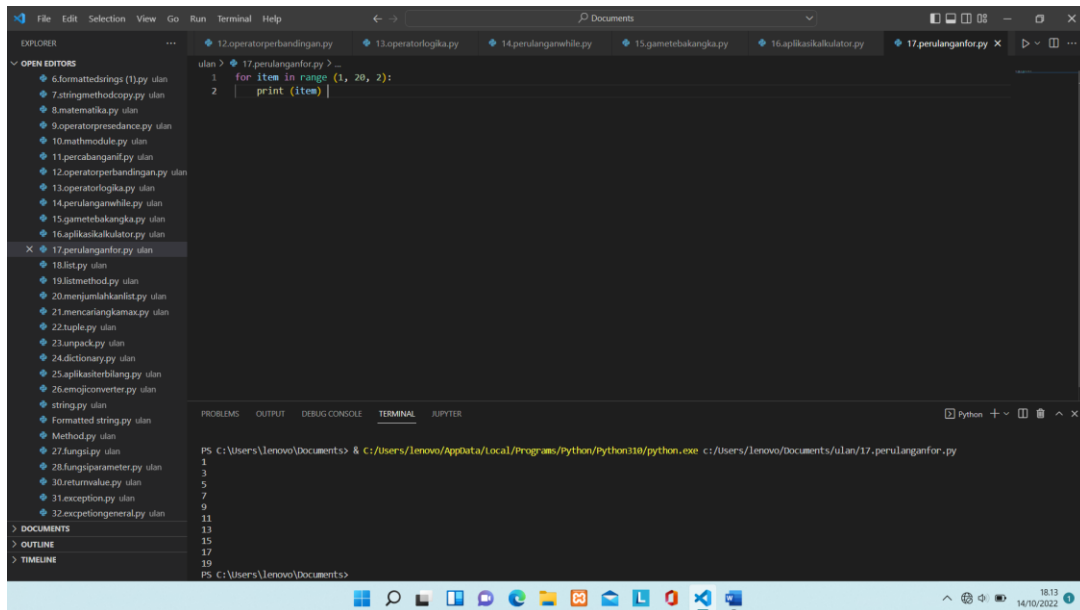


NAMA : ASTUTI NOVITA WULANDARI

NIM : 211001007

KELAS : D / KECERDASAN BUATAN

1. PERULANGAN FOR



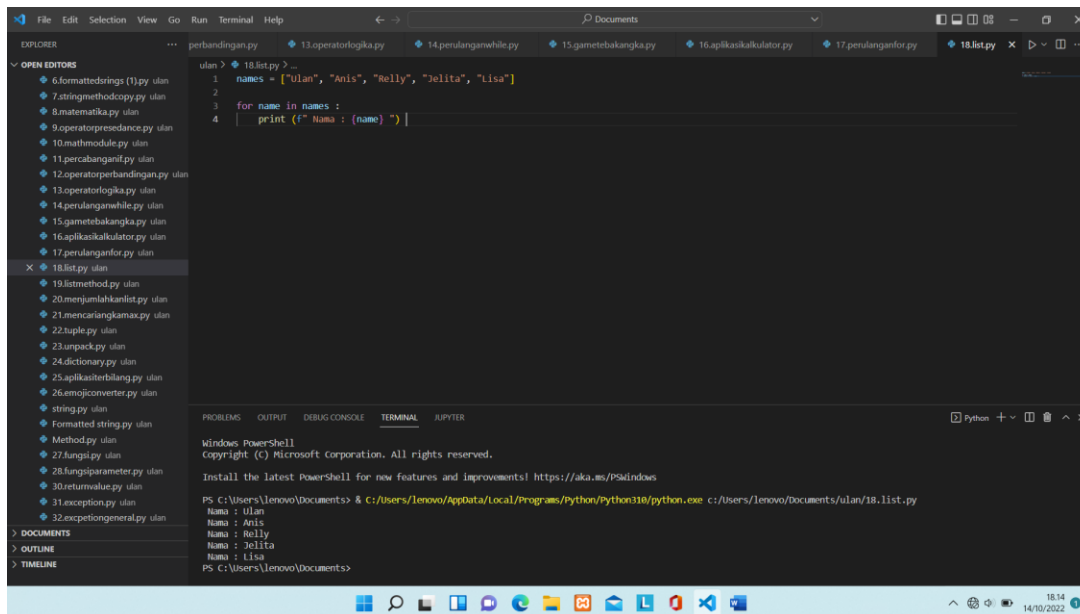
The screenshot shows a Python IDE with a file explorer on the left containing various Python files. The main editor displays a Python script named '17.perulanganfor.py' with the following code:

```
1 for item in range(1, 20, 2):
2     print(item)
```

The terminal at the bottom shows the command to run the script and its output:

```
PS C:\Users\lenovo\Documents> & C:\Users\lenovo\AppData\Local\Programs\Python\Python38\python.exe c:\Users\lenovo\Documents\ulan\17.perulanganfor.py
1
3
5
7
9
11
13
15
17
19
PS C:\Users\lenovo\Documents>
```

2. LIST



The screenshot shows a Python IDE with a file explorer on the left. The main editor displays a Python script named '18.list.py' with the following code:

```
1 names = ["Ulan", "Anis", "Relly", "Jelita", "Lisa"]
2
3 for name in names:
4     print(f"Nama : {name}")
```

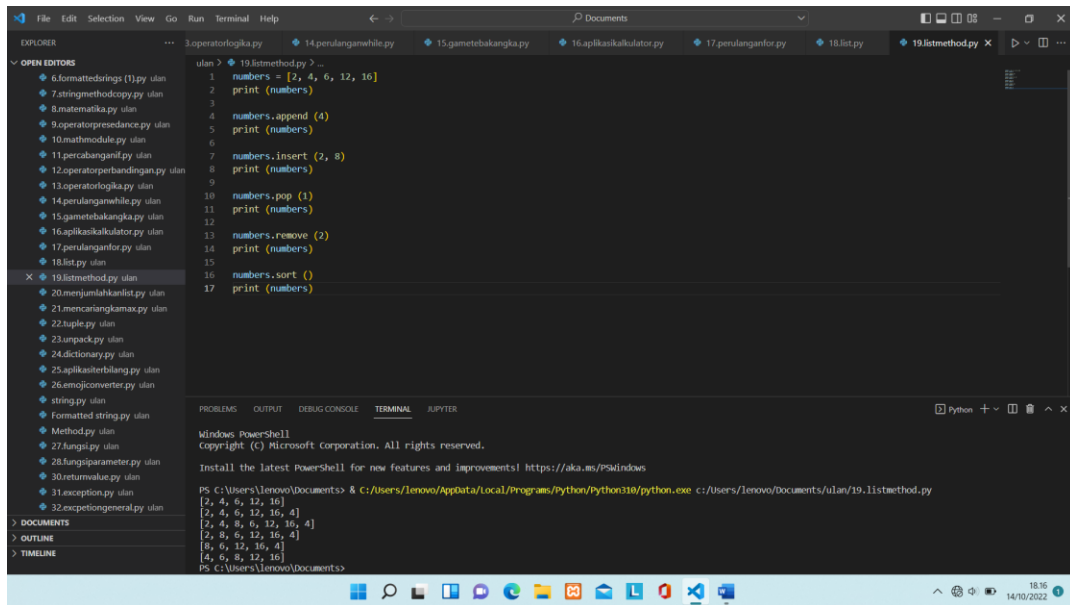
The terminal at the bottom shows the command to run the script and its output:

```
Windows PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.

Install the latest PowerShell for new features and improvements! https://aka.ms/PSWindows

PS C:\Users\lenovo\Documents> & C:\Users\lenovo\AppData\Local\Programs\Python\Python38\python.exe c:\Users\lenovo\Documents\ulan\18.list.py
Nama : Ulan
Nama : Anis
Nama : Relly
Nama : Jelita
Nama : Lisa
PS C:\Users\lenovo\Documents>
```

3. LIST METHOD



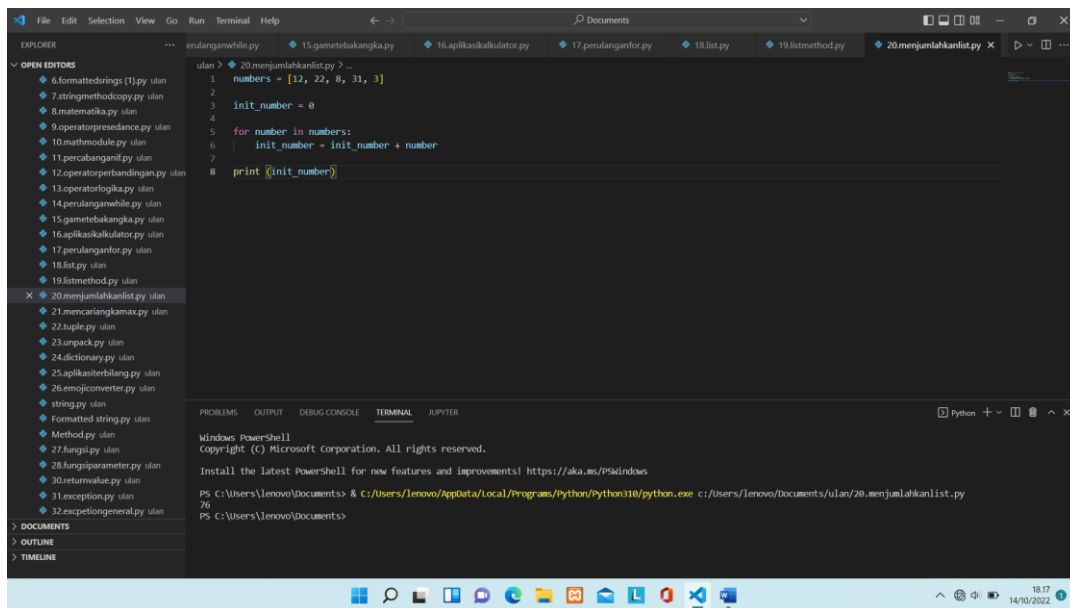
The screenshot shows a VS Code editor with a file explorer on the left containing various Python files. The main editor window displays a script named `19.listmethod.py` with the following code:

```
1 numbers = [2, 4, 6, 12, 16]
2 print (numbers)
3
4 numbers.append (4)
5 print (numbers)
6
7 numbers.insert (2, 8)
8 print (numbers)
9
10 numbers.pop (1)
11 print (numbers)
12
13 numbers.remove (2)
14 print (numbers)
15
16 numbers.sort ()
17 print (numbers)
```

The terminal at the bottom shows the output of the script:

```
PS C:\Users\lenovo\Documents> & C:/Users/lenovo/AppData/Local/Programs/Python/Python310/python.exe c:/Users/lenovo/Documents/ulan/19.listmethod.py
[2, 4, 6, 12, 16]
[2, 4, 6, 12, 16, 4]
[2, 4, 8, 6, 12, 16, 4]
[2, 8, 6, 12, 16, 4]
[8, 6, 12, 16, 4]
[4, 6, 8, 12, 16]
PS C:\Users\lenovo\Documents>
```

4. MENJUMLAHKAN LIST



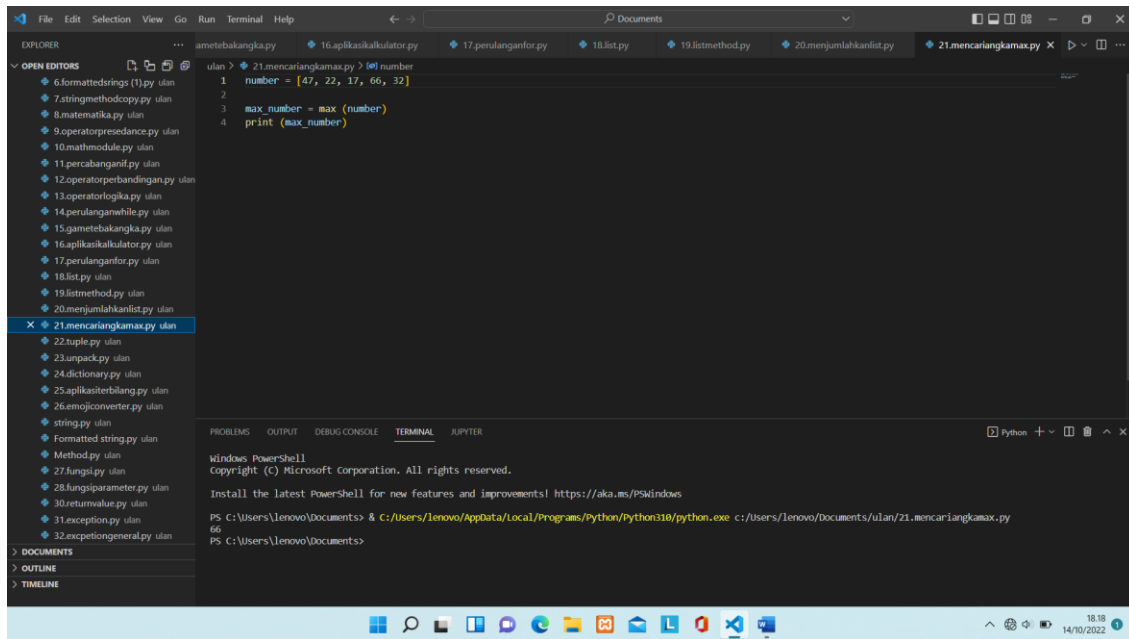
The screenshot shows a VS Code editor with a file explorer on the left. The main editor window displays a script named `20.menjumlahkanlist.py` with the following code:

```
1 numbers = [12, 22, 8, 31, 3]
2
3 init_number = 0
4
5 for number in numbers:
6     init_number = init_number + number
7
8 print (init_number)
```

The terminal at the bottom shows the output of the script:

```
PS C:\Users\lenovo\Documents> & C:/Users/lenovo/AppData/Local/Programs/Python/Python310/python.exe c:/Users/lenovo/Documents/ulan/20.menjumlahkanlist.py
76
PS C:\Users\lenovo\Documents>
```

5. MENCARI ANGKA MACK



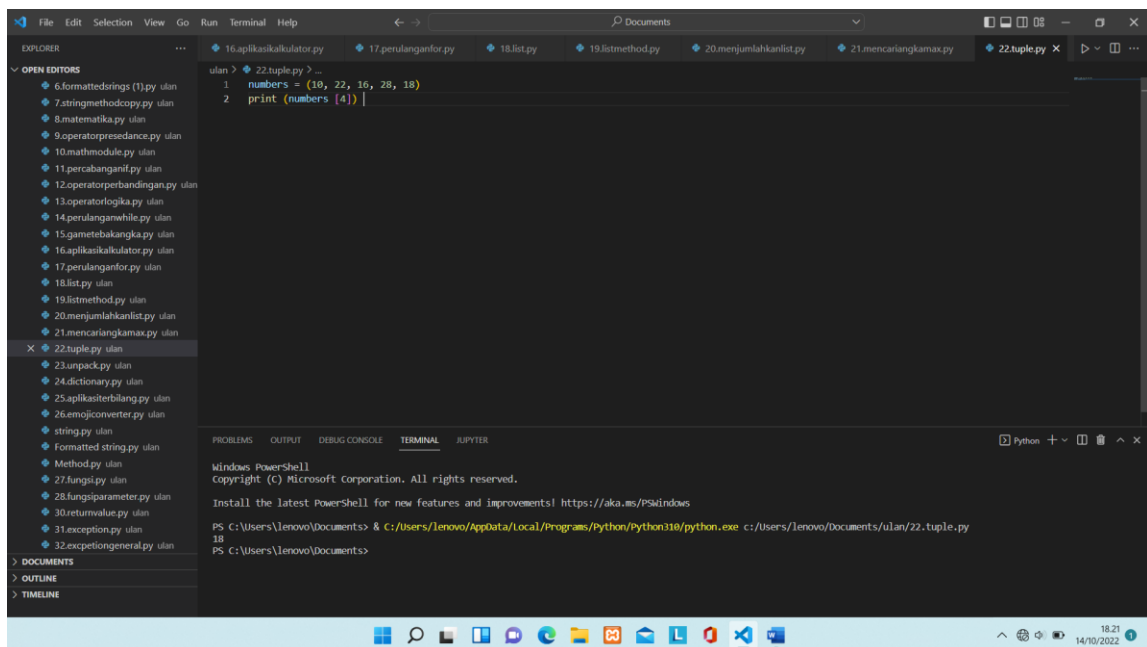
The screenshot shows a Python IDE with a file explorer on the left and a terminal at the bottom. The file explorer lists various Python files, with '21.mencariangkamax.py' selected. The main editor displays the following code:

```
1 number = [47, 22, 17, 66, 32]
2
3 max_number = max(number)
4 print(max_number)
```

The terminal at the bottom shows the Windows PowerShell prompt and the execution of the script:

```
PS C:\Users\lenovo\Documents> & C:\Users\lenovo\AppData\Local\Programs\Python\Python310\python.exe c:\Users\lenovo\Documents\21.mencariangkamax.py
66
PS C:\Users\lenovo\Documents>
```

6. TUPLE



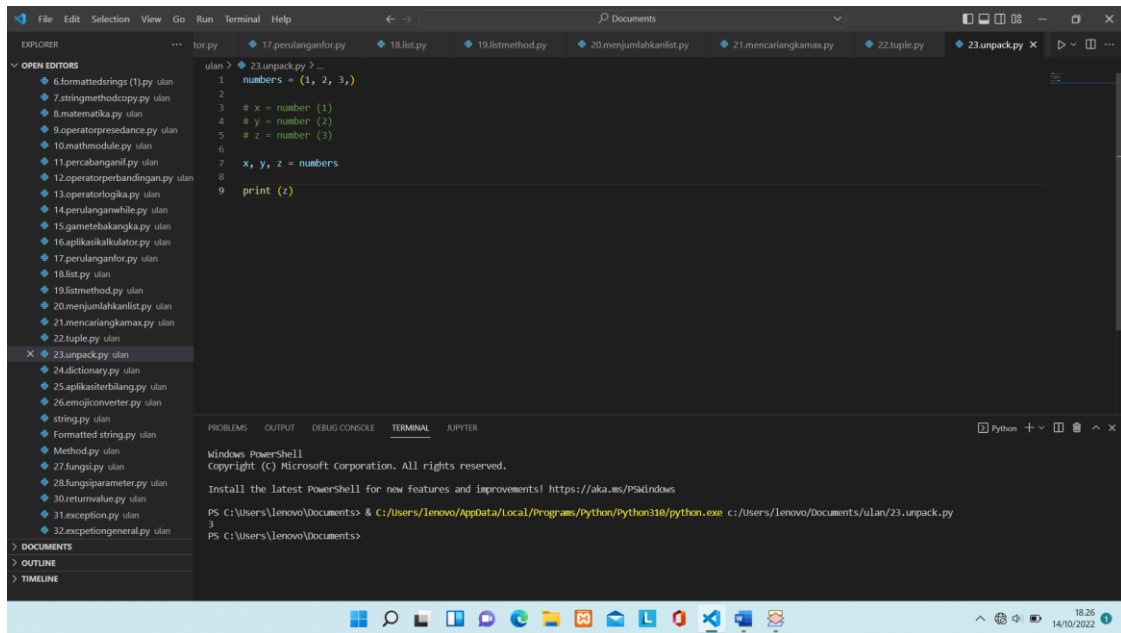
The screenshot shows a Python IDE with a file explorer on the left and a terminal at the bottom. The file explorer lists various Python files, with '22.tuple.py' selected. The main editor displays the following code:

```
1 numbers = (10, 22, 16, 28, 18)
2 print(numbers[4])
```

The terminal at the bottom shows the Windows PowerShell prompt and the execution of the script:

```
PS C:\Users\lenovo\Documents> & C:\Users\lenovo\AppData\Local\Programs\Python\Python310\python.exe c:\Users\lenovo\Documents\22.tuple.py
18
PS C:\Users\lenovo\Documents>
```

7. UNPACK



The screenshot shows the Visual Studio Code interface with a Python file named `23.unpack.py` open. The Explorer sidebar on the left lists various Python files, with `23.unpack.py` selected. The main editor displays the following code:

```
1 numbers = (1, 2, 3,)
2
3 # x = number (1)
4 # y = number (2)
5 # z = number (3)
6
7 x, y, z = numbers
8
9 print (z)
```

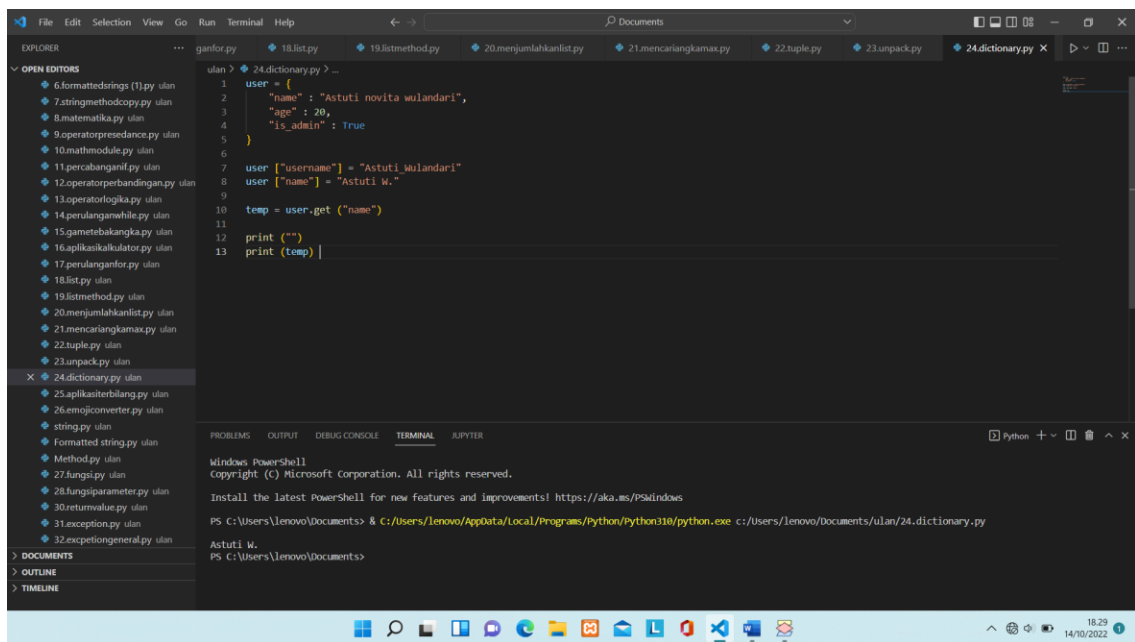
The bottom panel shows the TERMINAL output, which includes the Windows PowerShell prompt and the execution of the script:

```
Windows PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.

Install the latest PowerShell for new features and improvements! https://aka.ms/PSWindows

PS C:\Users\lenovo\Documents> & C:/Users/lenovo/AppData/Local/Programs/Python/Python310/python.exe c:/Users/lenovo/Documents/ulan/23.unpack.py
3
PS C:\Users\lenovo\Documents>
```

8. DICTIONARY



The screenshot shows the Visual Studio Code interface with a Python file named `24.dictionary.py` open. The Explorer sidebar on the left lists various Python files, with `24.dictionary.py` selected. The main editor displays the following code:

```
1 user = {
2     "name": "Astuti novita wulandari",
3     "age": 20,
4     "is_admin": True
5 }
6
7 user["username"] = "Astuti_wulandari"
8 user["name"] = "Astuti W."
9
10 temp = user.get ("name")
11
12 print ("")
13 print (temp) |
```

The bottom panel shows the TERMINAL output, which includes the Windows PowerShell prompt and the execution of the script:

```
Windows PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.

Install the latest PowerShell for new features and improvements! https://aka.ms/PSWindows

PS C:\Users\lenovo\Documents> & C:/Users/lenovo/AppData/Local/Programs/Python/Python310/python.exe c:/Users/lenovo/Documents/ulan/24.dictionary.py
Astuti W.
PS C:\Users\lenovo\Documents>
```