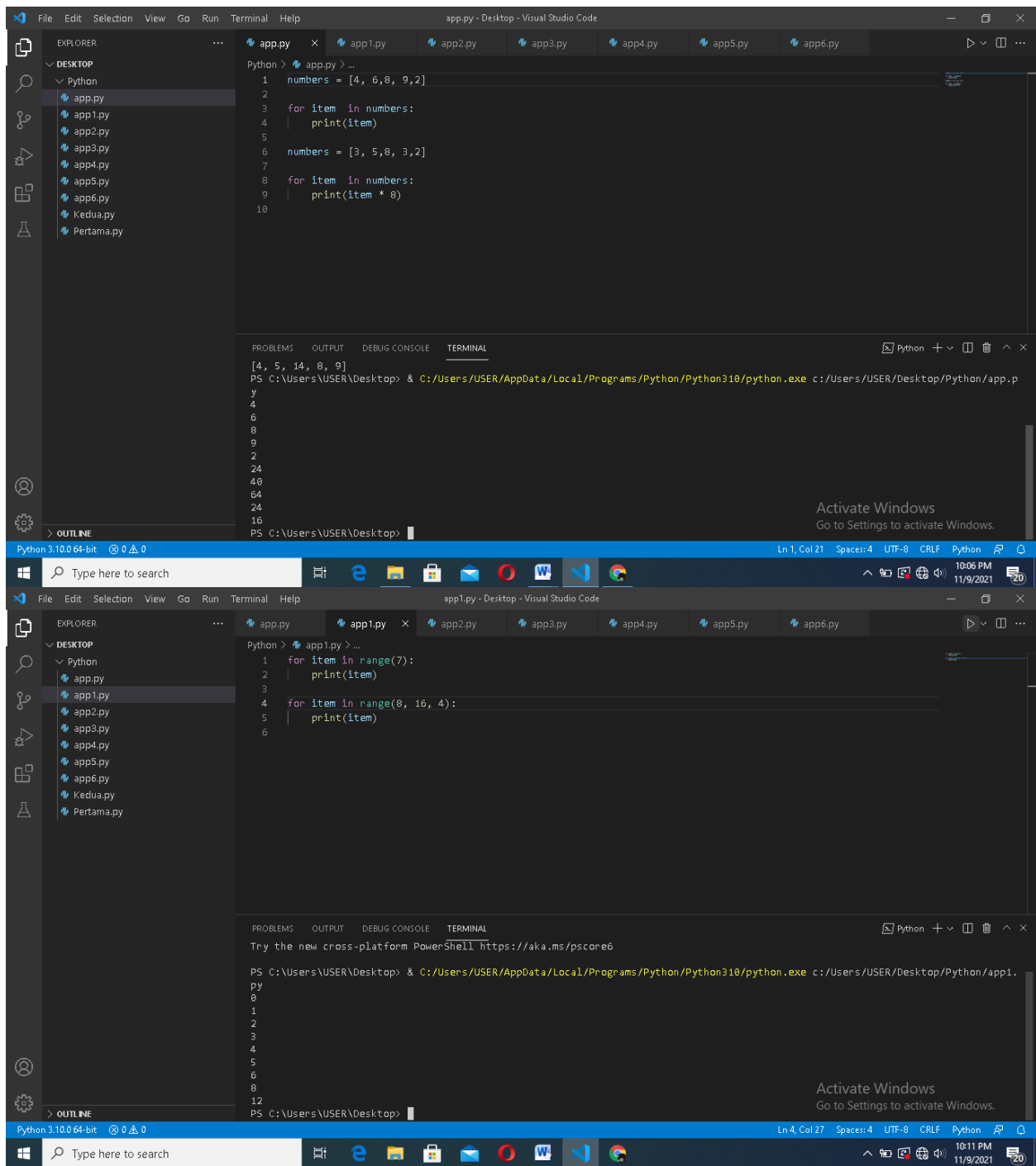


NAMA : NURUL MUFLIHA PUASA

KELAS : A

NIM : 20.01.013.014

1. PERULANGAN FOR



2. LIST

```
Python > app2.py > ...
1 names = ["Nurul", "Nina", "Mila", "Irma", "tika"]
2
3 print(names)
4
5 names = ["Nurul", "Nina", "Mila", "Irma", "tika"]
6
7 print(names[0])
8
9 names = ["Aning", "Nina", "Mila", "Irma", "tika"]
10
11 print(names[2 : 5])
12
13 names = ["Nurul", "Nina", "Mila", "Irma", "tika"]
14
15 print(names[-5])
16
17 names = ["Nurul", "Nina", "Mila", "Irma", "tika"]
18
19 for name in names:
20     print(f>Nama : {name}")
21
```

```
Python > app2.py > ...
1 names = ["Nurul", "Nina", "Mila", "Irma", "tika"]
2
3 print(names)
4
5 names = ["Nurul", "Nina", "Mila", "Irma", "tika"]
6
7 print(names[0])
8
9 names = ["Aning", "Nina", "Mila", "Irma", "tika"]
10
11 print(names[2 : 5])
12
13 names = ["Nurul", "Nina", "Mila", "Irma", "tika"]
14
15 print(names[-5])
16
17 names = ["Nurul", "Nina", "Mila", "Irma", "tika"]
18
19 for name in names:
20     print(f>Nama : {name}")
21
```

```

Nama : Irma
Nama : tika
PS C:\Users\USER\Desktop> & C:/Users/USER/AppData/Local/Programs/Python/Python310/python.exe c:/Users/USER/Desktop/Python/app2.py
['Nurul', 'Nina', 'Mila', 'Irma', 'tika']
Nurul
['Mila', 'Irma', 'tika']
Nurul
Nama : Nurul
Nama : Nina
Nama : Mila
Nama : Irma
Nama : tika
PS C:\Users\USER\Desktop>

```

3. List Metho

```
Python > app3.py > ...
1 numbers = [5, 7, 8, 9, 10]
2 print(numbers)
3
4 numbers.append(66)
5 print(numbers)
6
7 numbers.insert(5, 100)
8 print(numbers)
9
10 numbers.pop(5)
11 print(numbers)
12
13 numbers.remove(66)
14 print(numbers)
15
16 numbers.sort()
17 print(numbers)
18
```

Python 3.10.0 64-bit @ 0 0 0 Ln 13, Col 17 Spaces: 4 UTF-8 CRLF Python

```
Python > app3.py > ...
1 numbers = [5, 7, 8, 9, 10]

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

PS C:\Users\USER\Desktop> & C:/Users/USER/AppData/Local/Programs/Python/Python310/python.exe c:/Users/USER/Desktop/Python/app3.py
[5, 7, 8, 9, 10]
[5, 7, 8, 9, 10, 66]
[5, 7, 8, 9, 10, 100, 66]
[5, 7, 8, 9, 10, 66]
[5, 7, 8, 10, 66]
[5, 7, 8, 10, 66]
PS C:\Users\USER\Desktop>
```

Python 3.10.0 64-bit @ 0 0 0 Ln 13, Col 17 Spaces: 4 UTF-8 CRLF Python

4. Menjumlahkan List

The screenshot shows the Visual Studio Code interface with a Python file named `app4.py` open. The file contains the following code:

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

The terminal window shows the output of the script:

```
Windows PowerShell
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PS C:\Users\USER\Desktop> & C:/Users/USER/AppData/Local/Programs/Python/Python310/python.exe c:/Users/USER/Desktop/Python/app4.py
[4, 6, 8, 5, 3]
27
PS C:\Users\USER\Desktop>
```

The status bar at the bottom indicates the file is using Python 3.10.0 64-bit, with a line number of 1 and column number of 25.

5. Mencari Angka Max

The screenshot shows the Visual Studio Code interface with a Python file named `app5.py` open. The file contains the following code:

```
1 numbers = [5, 7, 8, 6, 9]
2
3 max_number = max(numbers)
4 print(max_number)
5
6 numbers.sort()
7 max_number = numbers[-1]
8
9 print(max_number)
10
11 max_number = numbers[1]
12
13 for number in numbers:
14     if number > max_number:
15         max_number = number
16
17 print(max_number)
18
19 total = sum(numbers)
20 print(total)
21
22
```

The status bar at the bottom indicates the file is using Python 3.10.0 64-bit, with a line number of 1 and column number of 22.

Visual Studio Code interface showing a Python script (app5.py) and its execution in the terminal.

EXPLORER: Python files (app.py, app1.py, app2.py, app3.py, app4.py, app5.py, app6.py, Kedua.py, Pertama.py).

Python > app5.py > ...

```
1 numbers = [5, 7, 8, 6, 9]
2
3 max_number = max(numbers)
4 print(max_number)
5
6 numbers.sort()
7 max_number = numbers[-1]
8
9 print(max_number)
10
11 max_number = numbers[1]
```

TERMINAL:

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

PS C:\Users\USER\Desktop> & C:/Users/USER/AppData/Local/Programs/Python/Python310/python.exe c:/Users/USER/Desktop/Python/app5.py
9
9
9
35
PS C:\Users\USER\Desktop>
```

Python 3.10.0 64-bit | Ln 1, Col 22 | Spaces: 4 | UTF-8 | CRLF | Python | 10:37 PM 11/9/2021

6. Tuple

Visual Studio Code interface showing a Python script (app6.py) and its execution in the terminal.

EXPLORER: Python files (app.py, app1.py, app2.py, app3.py, app4.py, app5.py, app6.py, Kedua.py, Pertama.py).

Python > app6.py > ...

```
1 numbers = [6, 4, 5, 8, 9]
2 print(numbers)
3 numbers[4] = 19
4 print(numbers)
5
```

TERMINAL:

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

PS C:\Users\USER\Desktop> & C:/Users/USER/AppData/Local/Programs/Python/Python310/python.exe c:/Users/USER/Desktop/Python/app6.py
[6, 4, 5, 8, 9]
[6, 4, 5, 8, 19]
PS C:\Users\USER\Desktop>
```

Python 3.10.0 64-bit | Ln 3, Col 16 | Spaces: 4 | UTF-8 | CRLF | Python | 10:41 PM 11/9/2021

