

Nama : Andini Wulandari

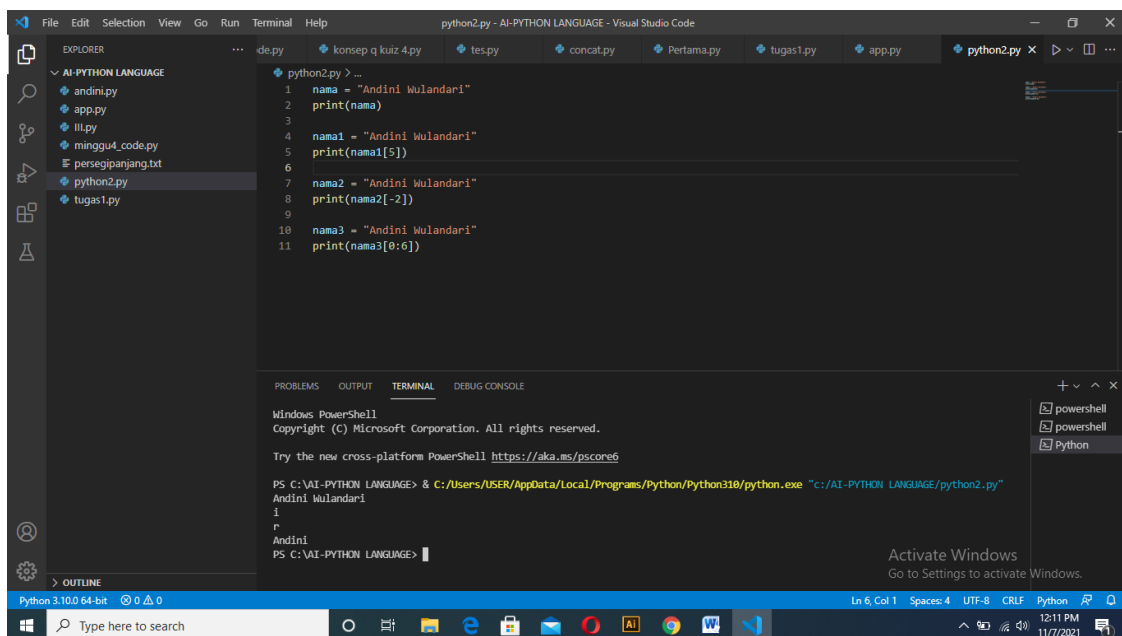
NIM : 20.01.013.020

Kelas : Teknik Informatika B

MK : Kecerdasan Buatan

TUGAS :

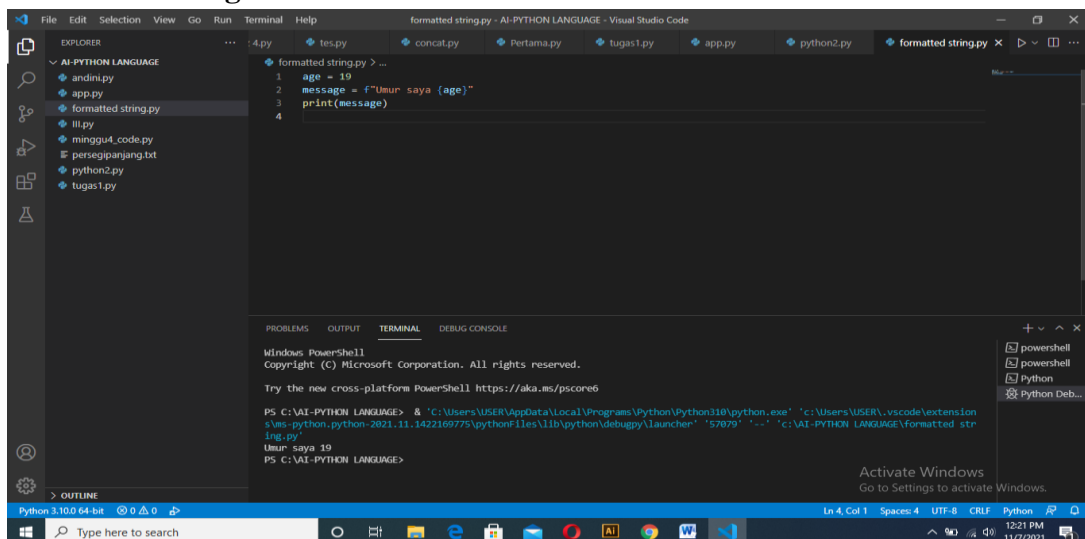
1. String



The screenshot shows the Visual Studio Code interface with a Python file named `python2.py` open. The code defines a string `nama` and three lists (`nama1`, `nama2`, `nama3`) containing the name "Andini Wulandari". It then prints the first character of `nama`, the 5th character of `nama1`, the last two characters of `nama2`, and the first six characters of `nama3`. The terminal output shows the execution of the script, which prints the following results:

```
Andini Wulandari
i
r
Andini
```

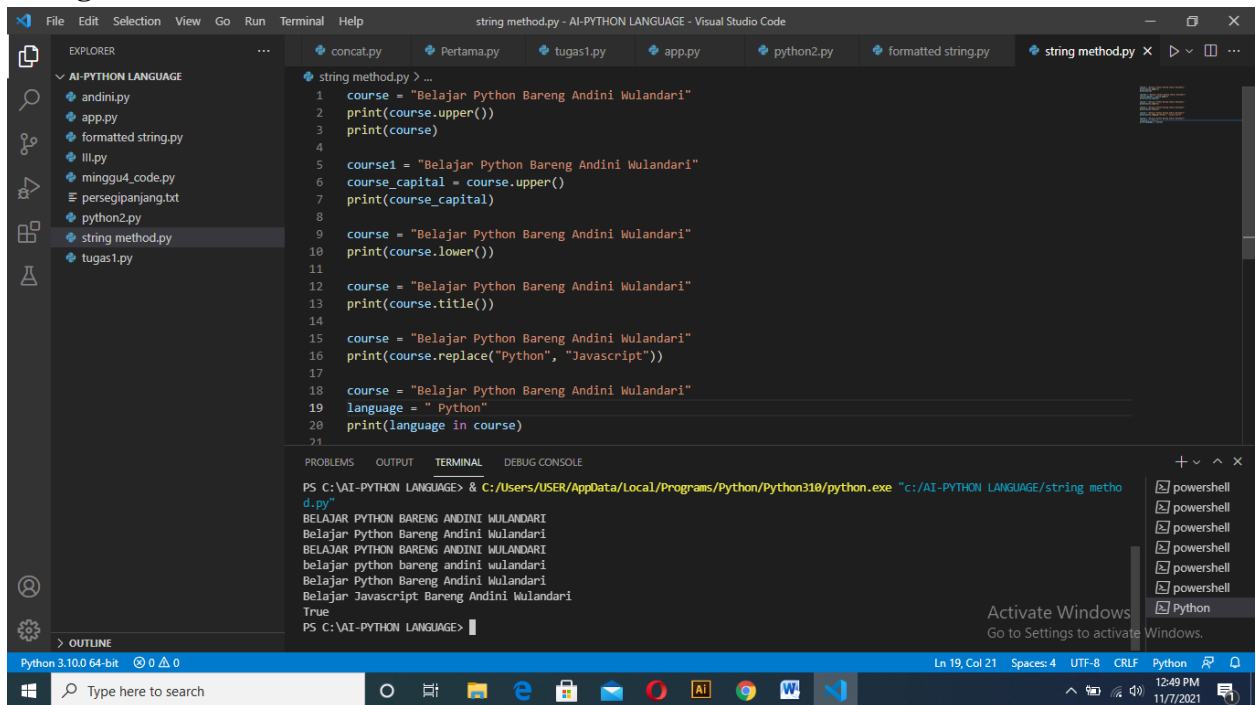
2. Formatted string



The screenshot shows the Visual Studio Code interface with a Python file named `formatted_string.py` open. The code defines a variable `age` with the value 19 and a formatted string `message` using an f-string: `message = f"Umur saya {age}"`. It then prints the `message`. The terminal output shows the execution of the script, which prints the following result:

```
Umur saya 19
```

3. String Method



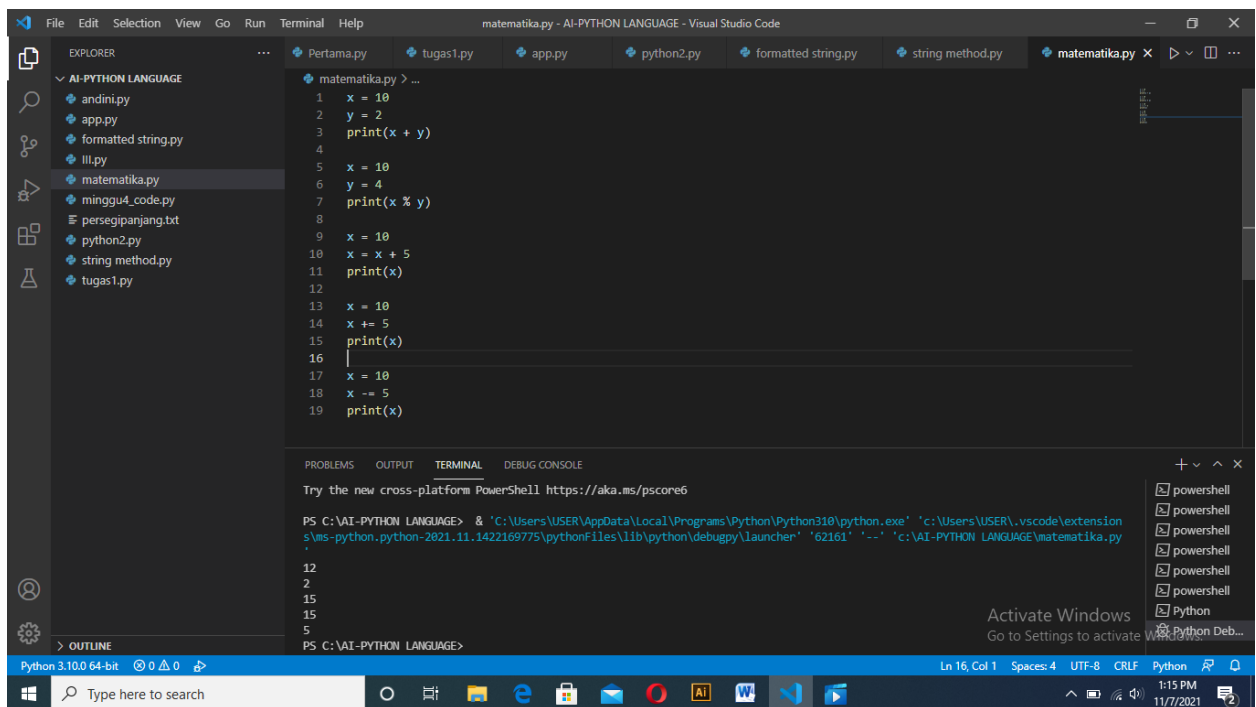
```
string method.py > ...
1 course = "Belajar Python Bareng Andini Wulandari"
2 print(course.upper())
3 print(course)
4
5 course1 = "Belajar Python Bareng Andini Wulandari"
6 course_capital = course.upper()
7 print(course_capital)
8
9 course = "Belajar Python Bareng Andini Wulandari"
10 print(course.lower())
11
12 course = "Belajar Python Bareng Andini Wulandari"
13 print(course.title())
14
15 course = "Belajar Python Bareng Andini Wulandari"
16 print(course.replace("Python", "Javascript"))
17
18 course = "Belajar Python Bareng Andini Wulandari"
19 language = " Python"
20 print(language in course)
21
```

PROBLEMS OUTPUT TERMINAL DEBUG CONSOLE

PS C:\AI-PYTHON LANGUAGE> & C:/Users/USER/AppData/Local/Programs/Python/Python310/python.exe "c:/AI-PYTHON LANGUAGE/string method.py"

BELAJAR PYTHON BARENG ANDINI WULANDARI
Belajar Python Bareng Andini Wulandari
BELAJAR PYTHON BARENG ANDINI WULANDARI
belajar python bareng andini wulandari
Belajar Python Bareng Andini Wulandari
Belajar Javascript Bareng Andini Wulandari
True
PS C:\AI-PYTHON LANGUAGE>

4. Matematika



```
matematika.py > ...
1 x = 10
2 y = 2
3 print(x + y)
4
5 x = 10
6 y = 4
7 print(x % y)
8
9 x = 10
10 x = x + 5
11 print(x)
12
13 x = 10
14 x += 5
15 print(x)
16
17 x = 10
18 x -= 5
19 print(x)
```

PROBLEMS OUTPUT TERMINAL DEBUG CONSOLE

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

PS C:\AI-PYTHON LANGUAGE> & 'C:/Users/USER/AppData/Local/Programs/Python/Python310/python.exe' 'c:/Users/USER/.vscode/extensions/microsoft.python.python-2021.11.1422169775/pythonFiles/lib/python/debugpy/launcher' '62161' '--' 'c:/AI-PYTHON LANGUAGE/matematika.py'

12
2
15
15
5
PS C:\AI-PYTHON LANGUAGE>

6. Math Module