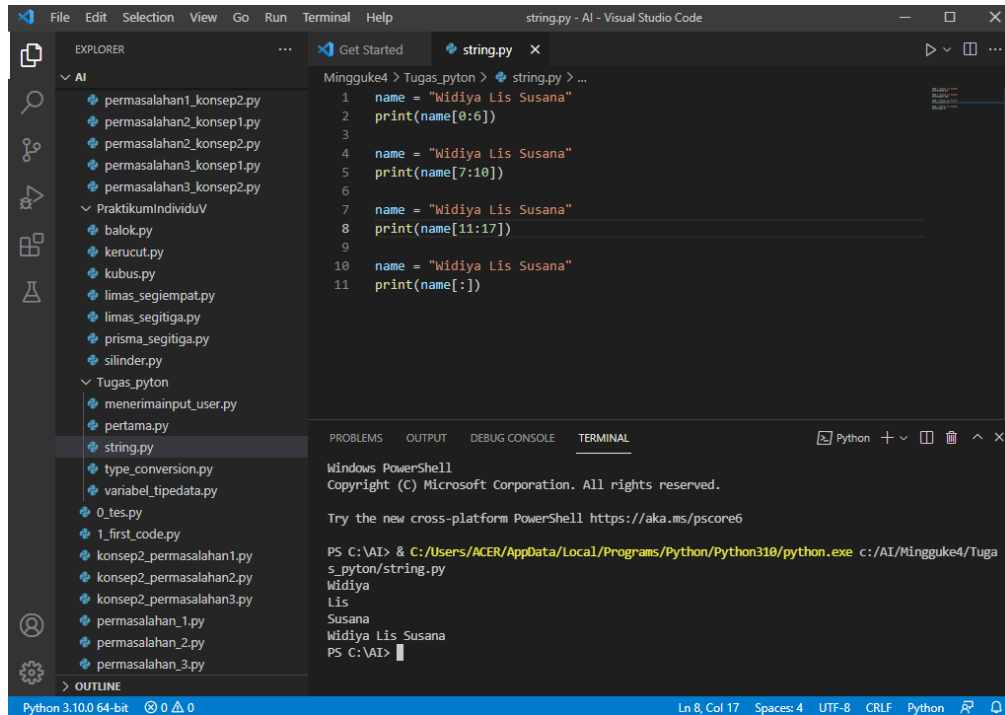


TUGAS PYTHON II

1. String



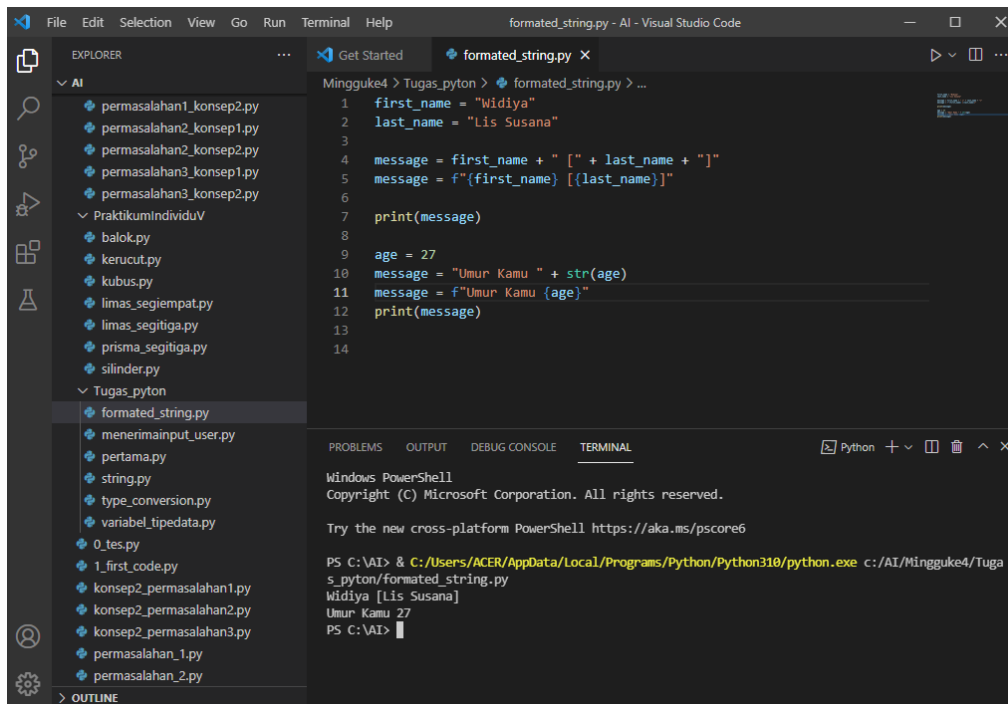
The screenshot shows the Visual Studio Code interface with a file explorer on the left and a terminal at the bottom. The file explorer shows a project named 'Tugas_pyton' with several files. The file 'string.py' is selected. The code in 'string.py' is as follows:

```
1 name = "Widiya Lis Susana"
2 print(name[0:6])
3
4 name = "Widiya Lis Susana"
5 print(name[7:10])
6
7 name = "Widiya Lis Susana"
8 print(name[11:17])
9
10 name = "Widiya Lis Susana"
11 print(name[:])
```

The terminal shows the output of the script:

```
PS C:\AI> & C:/Users/ACER/AppData/Local/Programs/Python/Python310/python.exe c:/AI/Mingguke4/Tugas_pyton/string.py
Widiya
Lis
Susana
Widiya Lis Susana
PS C:\AI>
```

2. Formatted String



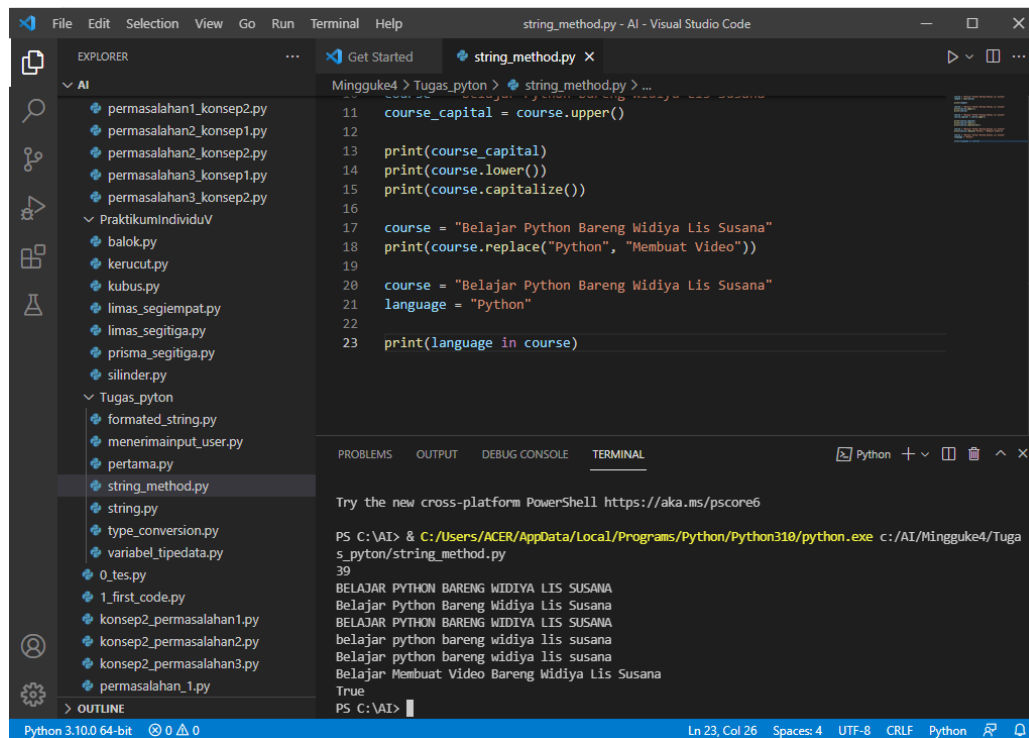
The screenshot shows the Visual Studio Code interface with a file explorer on the left and a terminal at the bottom. The file explorer shows a project named 'Tugas_pyton' with several files. The file 'formatted_string.py' is selected. The code in 'formatted_string.py' is as follows:

```
1 first_name = "Widiya"
2 last_name = "Lis Susana"
3
4 message = first_name + " " + last_name + " "
5 message = f"{first_name} [{last_name}]"
6
7 print(message)
8
9 age = 27
10 message = "Umur Kamu " + str(age)
11 message = f"Umur Kamu {age}"
12 print(message)
13
14
```

The terminal shows the output of the script:

```
PS C:\AI> & C:/Users/ACER/AppData/Local/Programs/Python/Python310/python.exe c:/AI/Mingguke4/Tugas_pyton/formatted_string.py
Widiya [Lis Susana]
Umur Kamu 27
PS C:\AI>
```

3. String Method



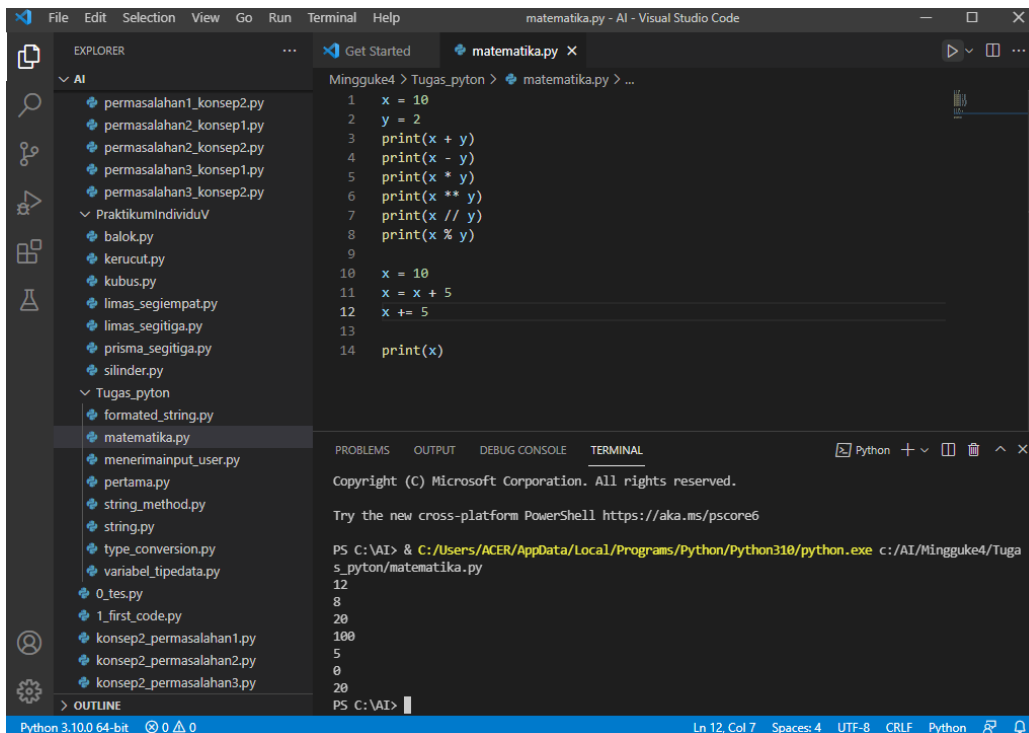
The screenshot shows the Visual Studio Code interface with a file explorer on the left containing a project named 'AI'. The file 'string_method.py' is selected. The editor displays the following Python code:

```
11 course_capital = course.upper()
12
13 print(course_capital)
14 print(course.lower())
15 print(course.capitalize())
16
17 course = "Belajar Python Bareng Widiya Lis Susana"
18 print(course.replace("Python", "Membuat Video"))
19
20 course = "Belajar Python Bareng Widiya Lis Susana"
21 language = "Python"
22
23 print(language in course)
```

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

```
PS C:\AI> & C:/Users/ACER/AppData/Local/Programs/Python/Python310/python.exe c:/AI/Mingguke4/Tuga
s_pyton/string_method.py
39
BELAJAR PYTHON BARENG WIDIYA LIS SUSANA
Belajar Python Bareng Widiya Lis Susana
BELAJAR PYTHON BARENG WIDIYA LIS SUSANA
belajar python bareng widiya lis susana
Belajar python bareng widiya lis susana
Belajar Membuat Video Bareng Widiya Lis Susana
True
PS C:\AI>
```

4. Matematika



The screenshot shows the Visual Studio Code interface with a file explorer on the left containing a project named 'AI'. The file 'matematika.py' is selected. The editor displays the following Python code:

```
1 x = 10
2 y = 2
3 print(x + y)
4 print(x - y)
5 print(x * y)
6 print(x ** y)
7 print(x // y)
8 print(x % y)
9
10 x = 10
11 x = x + 5
12 x += 5
13
14 print(x)
```

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

```
PS C:\AI> & C:/Users/ACER/AppData/Local/Programs/Python/Python310/python.exe c:/AI/Mingguke4/Tuga
s_pyton/matematika.py
12
8
20
100
5
0
20
PS C:\AI>
```

6. Math Module