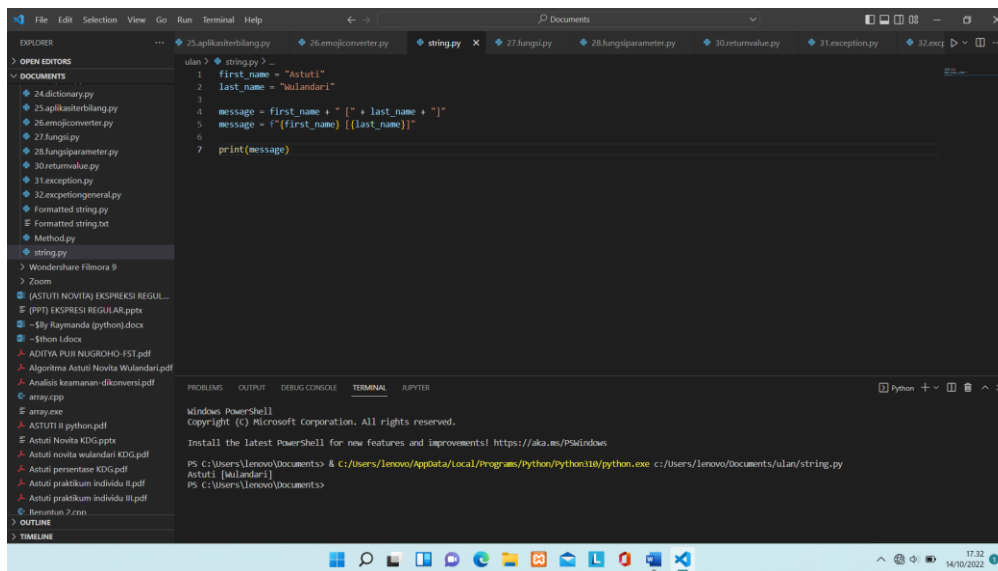


NAMA : ASTUTI NOVITA WULANDARI

NIM : 211001007

KELAS : D / KECERDASAN BUATAN

1. STRING



```
File Edit Selection View Go Run Terminal Help
Documents
EXPLORER
  OPEN EDITORS
  DOCUMENTS
    24.dictionary.py
    25.aplikasiterbilang.py
    26.emojiconverter.py
    27.fungsi.py
    28.fungsiparameter.py
    30.returnvalue.py
    31.exception.py
    32.exceptiongeneral.py
    Formatted string.py
    Formatted string.txt
    Method.py
    string.py
    Wondershare Filmore 9
    Zoom
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    Algoritma Astuti Novita Wulandari.pdf
    Analisis keamanan-dikonversi.pdf
    array.cpp
    array.exe
    ASTUTI II python.pdf
    Astuti Novita KDG.pptx
    Astuti novita wulandari KDG.pdf
    Astuti persentase KDG.pdf
    Astuti praktikum individu II.pdf
    Astuti praktikum individu III.pdf
    Benarum 2.cmn
  OUTLINE
  TIMELINE

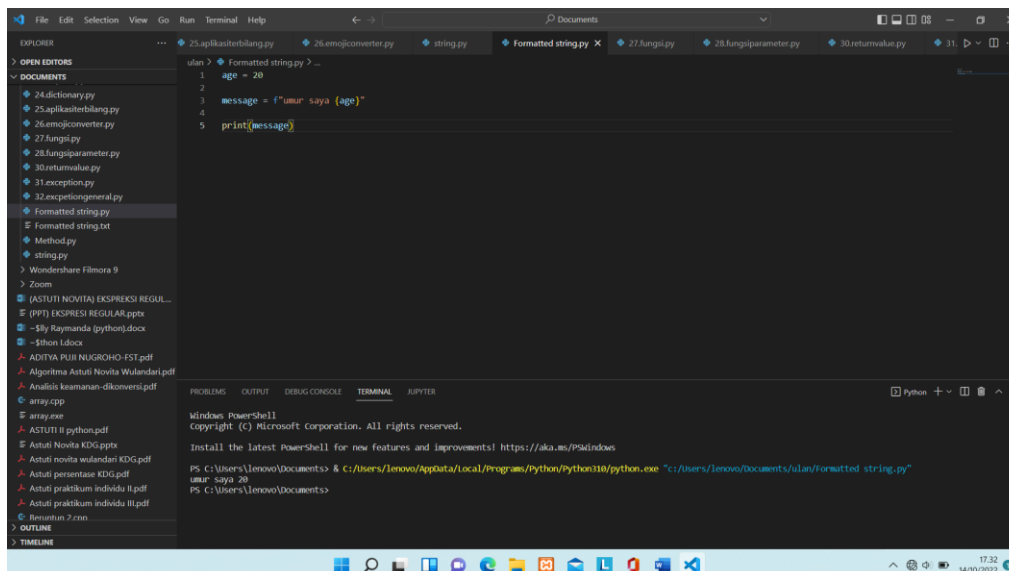
ulan > string.py > ...
1 first_name = "Astuti"
2 last_name = "Wulandari"
3
4 message = first_name + " " + last_name + " "
5 message = f"{first_name} {[last_name]}"
6
7 print(message)

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL JUPYTER
Python
Windows PowerShell
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PS C:\Users\lenovo\Documents> & C:\Users\lenovo\AppData\Local\Programs\Python\Python310\python.exe c:\Users\lenovo\Documents\ulan/string.py
Astuti [Wulandari]
PS C:\Users\lenovo\Documents>
```

2. FORMAT STRING



```
File Edit Selection View Go Run Terminal Help
Documents
EXPLORER
  OPEN EDITORS
  DOCUMENTS
    24.dictionary.py
    25.aplikasiterbilang.py
    26.emojiconverter.py
    27.fungsi.py
    28.fungsiparameter.py
    30.returnvalue.py
    31.exception.py
    32.exceptiongeneral.py
    Formatted string.py
    Formatted string.txt
    Method.py
    string.py
    Wondershare Filmore 9
    Zoom
    (ASTUTI NOVITA) EKSPEKSI REGUL...
    (PPT) EKSPEKSI REGULAR.pptx
    -Sly Raymunda (python).docx
    -tthon 1.docx
    ADITYA PUJI NUGROHO-FST.pdf
    Algoritma Astuti Novita Wulandari.pdf
    Analisis keamanan-dikonversi.pdf
    array.cpp
    array.exe
    ASTUTI II python.pdf
    Astuti Novita KDG.pptx
    Astuti novita wulandari KDG.pdf
    Astuti persentase KDG.pdf
    Astuti praktikum individu II.pdf
    Astuti praktikum individu III.pdf
    Benarum 2.cmn
  OUTLINE
  TIMELINE

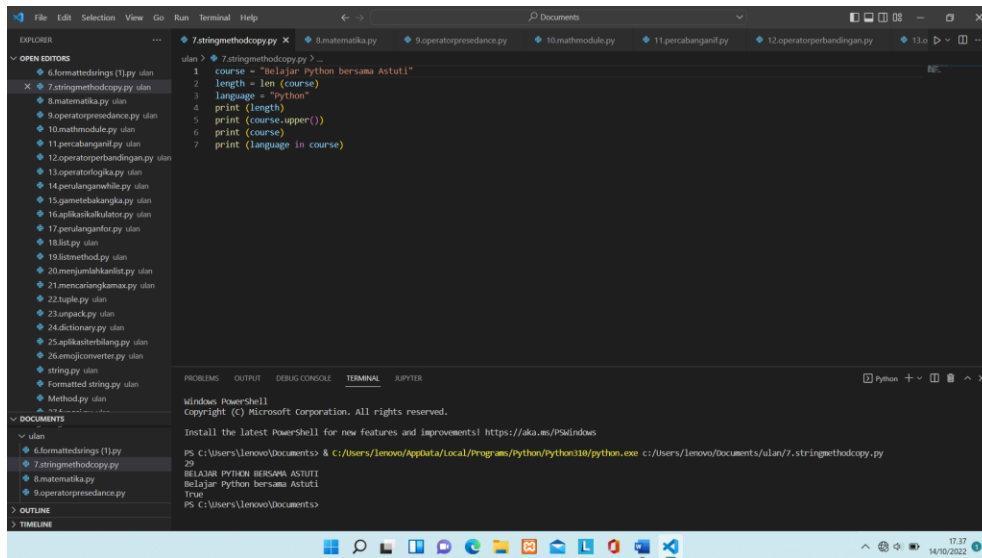
ulan > Formatted string.py > ...
1 age = 20
2
3 message = f"umur saya {age}"
4
5 print(message)

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Python
Windows PowerShell
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PS C:\Users\lenovo\Documents> & C:\Users\lenovo\AppData\Local\Programs\Python\Python310\python.exe "c:\Users\lenovo\Documents\ulan\Formatted string.py"
umur saya 20
PS C:\Users\lenovo\Documents>
```

3. STRING METHOD



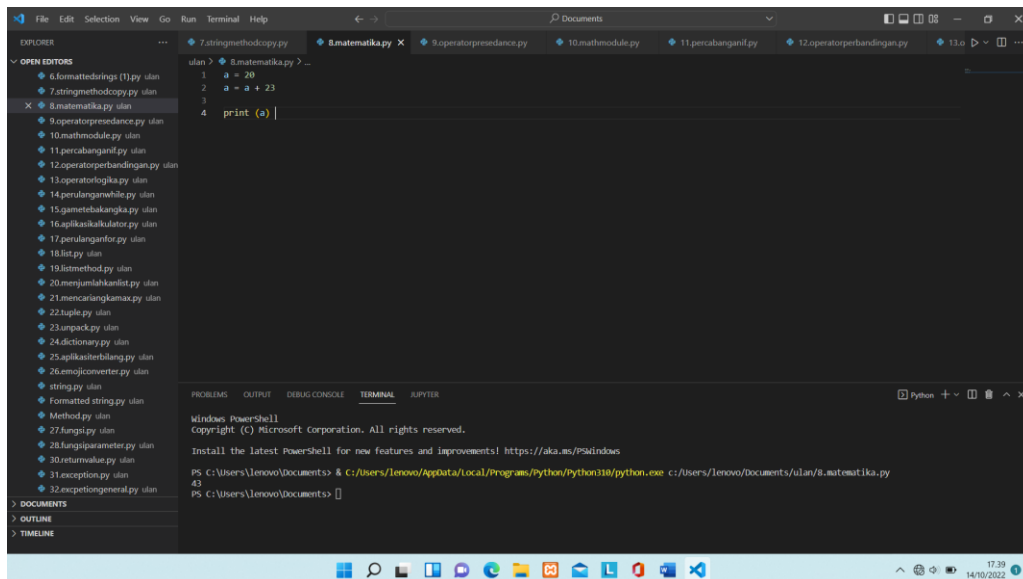
The screenshot shows the Visual Studio Code interface with a file explorer on the left containing various Python files. The main editor displays a file named `7.stringmethodcopy.py` with the following code:

```
1 course = "Belajar Python bersama Astuti"  
2 length = len(course)  
3 language = "python"  
4 print(length)  
5 print(course.upper())  
6 print(course)  
7 print(language in course)
```

The bottom panel shows the terminal output for the executed 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/7.stringmethodcopy.py  
29  
BELAJAR PYTHON BERSAMA ASTUTI  
Belajar Python bersama Astuti  
True  
PS C:\Users\lenovo\Documents>
```

4. MATEMATIKA



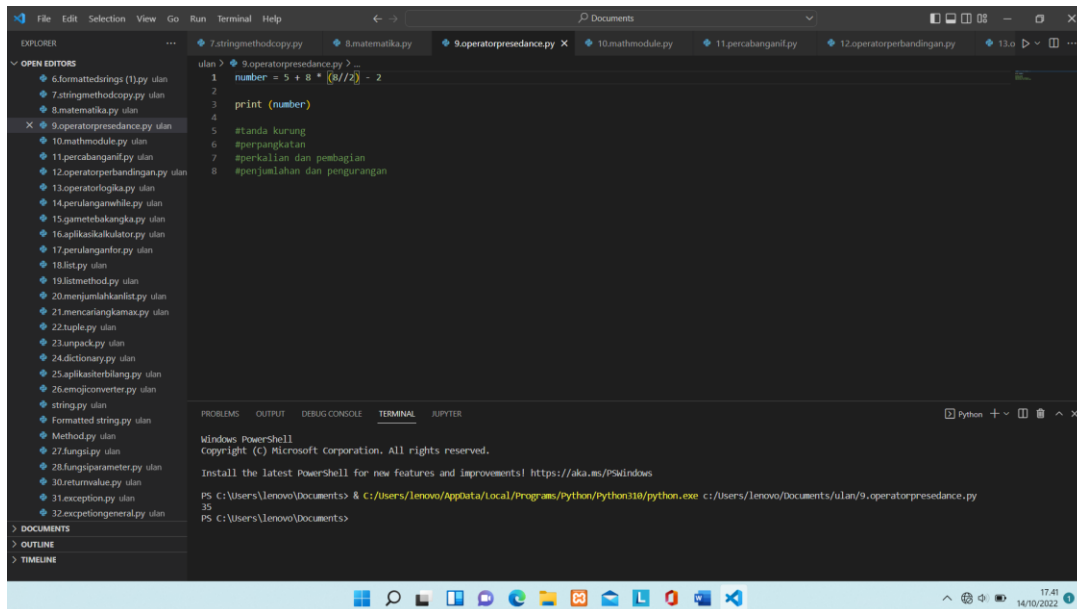
The screenshot shows the Visual Studio Code interface with a file explorer on the left. The main editor displays a file named `8.matematika.py` with the following code:

```
1 a = 20  
2 a = a + 23  
3  
4 print(a)
```

The bottom panel shows the terminal output for the executed script:

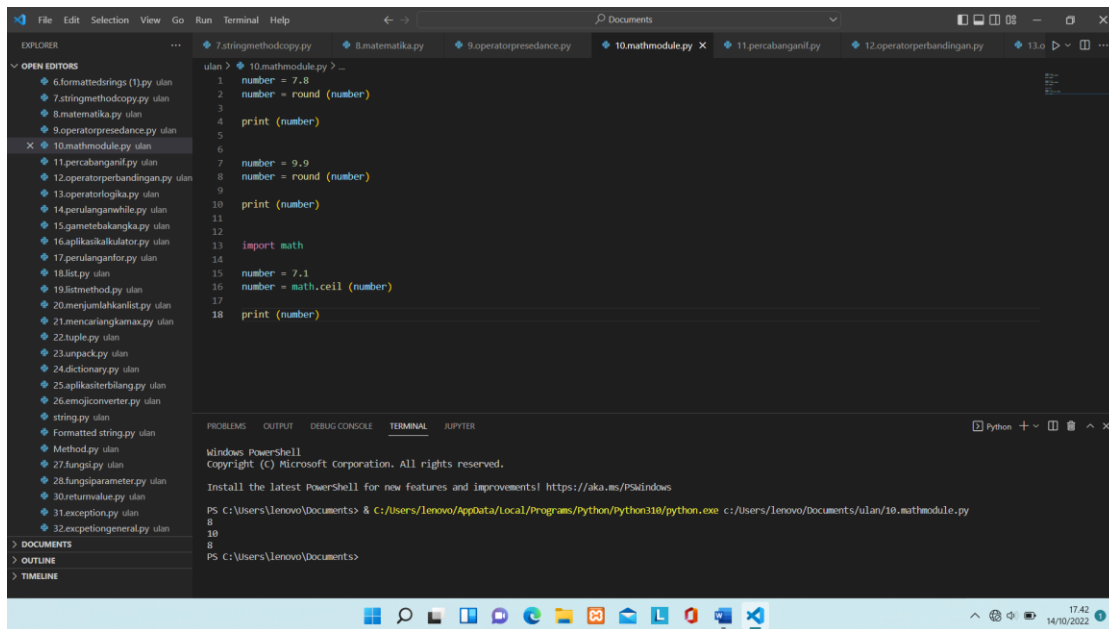
```
Windows PowerShell  
Copyright (c) Microsoft Corporation. All rights reserved.  
  
Install the latest PowerShell for new features and improvements! https://aka.ms/PSWindows  
  
PS C:\Users\lenovo\Documents> & C:/Users/lenovo/AppData/Local/Programs/Python/Python310/python.exe c:/Users/lenovo/Documents/ulan/8.matematika.py  
43  
PS C:\Users\lenovo\Documents>
```

5. OPERATOR PRECEDENCE



```
1 number = 5 + 8 * (8/2) - 2
2
3 print (number)
4
5 standa kurang
6 #perpangkatan
7 #perkalian dan pembagian
8 #penjumlahan dan pengurangan
```

6. MATH MODULE



```
1 number = 7.8
2 number = round (number)
3
4 print (number)
5
6
7 number = 9.9
8 number = round (number)
9
10 print (number)
11
12
13 import math
14
15 number = 7.1
16 number = math.ceil (number)
17
18 print (number)
```