

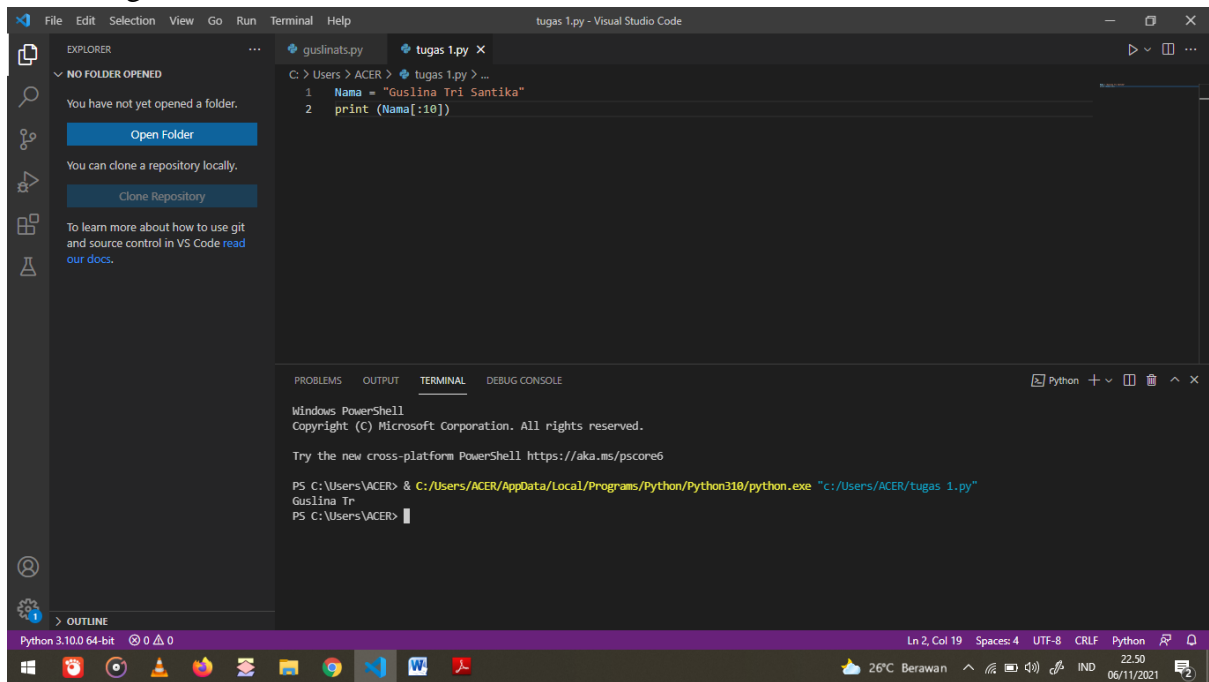
NAMA : GUSLINA TRI SANTIKA

NIM : 20.01.013.049

KELAS : ARTIFICIAL INTELLIGENCE -3B

TUGAS PYTHON-2

- String



```
File Edit Selection View Go Run Terminal Help
tugas 1.py - Visual Studio Code

EXPLORER
NO FOLDER OPENED
You have not yet opened a folder.
Open Folder
You can clone a repository locally.
Clone Repository
To learn more about how to use git and source control in VS Code read our docs.

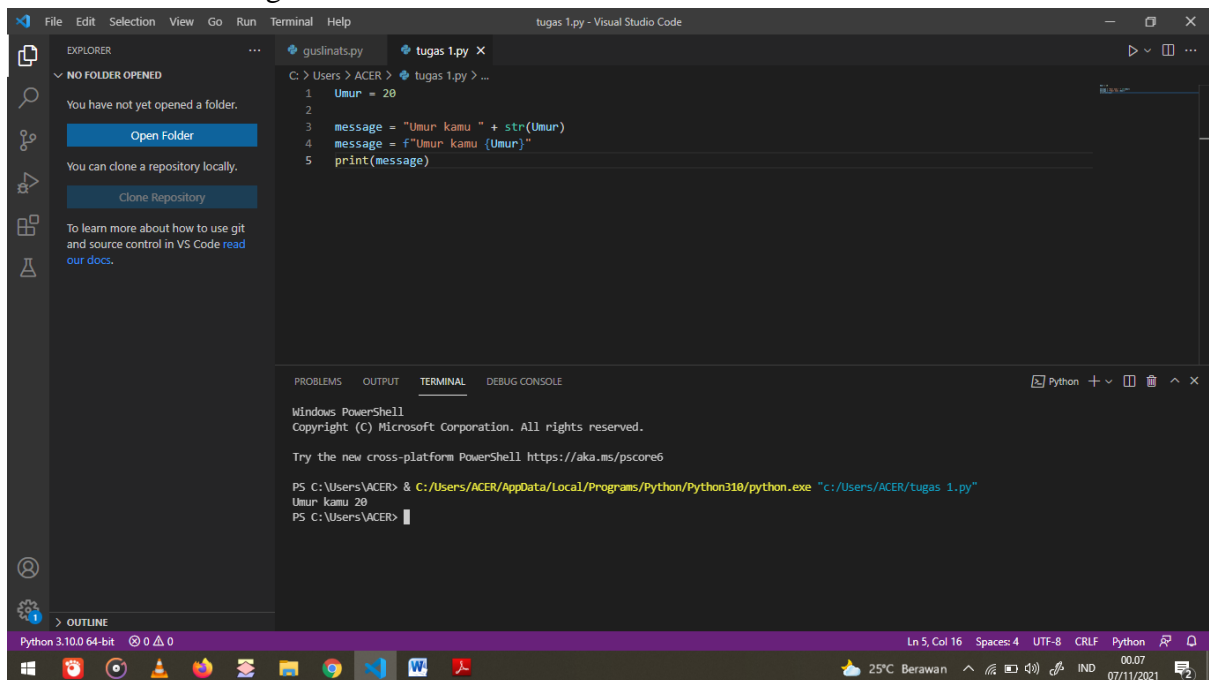
tugas_1.py
1 Nama = "Guslina Tri Santika"
2 print (Nama[:10])

PROBLEMS OUTPUT TERMINAL DEBUG CONSOLE
Python
Windows PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.

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

PS C:\Users\ACER> & C:/Users/ACER/AppData/Local/Programs/Python/Python310/python.exe "c:/Users/ACER/tugas 1.py"
Guslina Tr
PS C:\Users\ACER>
```

- Formatted String



```
File Edit Selection View Go Run Terminal Help
tugas 1.py - Visual Studio Code

EXPLORER
NO FOLDER OPENED
You have not yet opened a folder.
Open Folder
You can clone a repository locally.
Clone Repository
To learn more about how to use git and source control in VS Code read our docs.

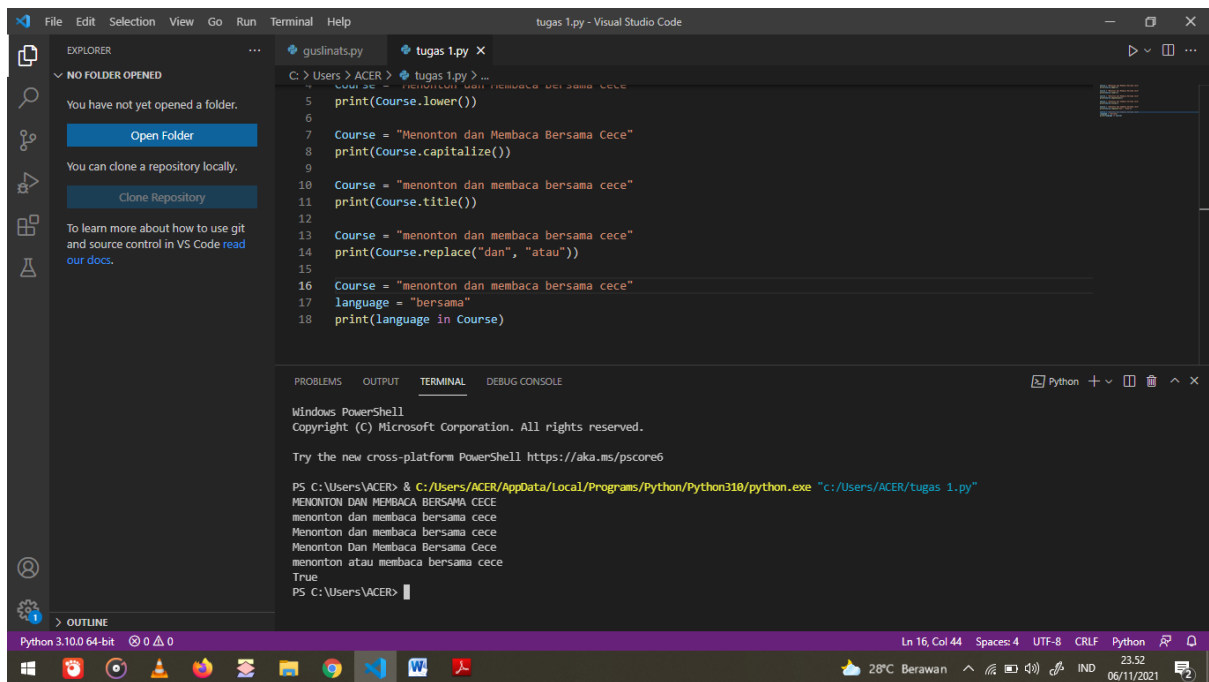
tugas_1.py
1 Umur = 20
2
3 message = "Umur kamu " + str(Umur)
4 message = f"Umur kamu {Umur}"
5 print(message)

PROBLEMS OUTPUT TERMINAL DEBUG CONSOLE
Python
Windows PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.

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

PS C:\Users\ACER> & C:/Users/ACER/AppData/Local/Programs/Python/Python310/python.exe "c:/Users/ACER/tugas 1.py"
Umur kamu 20
PS C:\Users\ACER>
```

- String Method



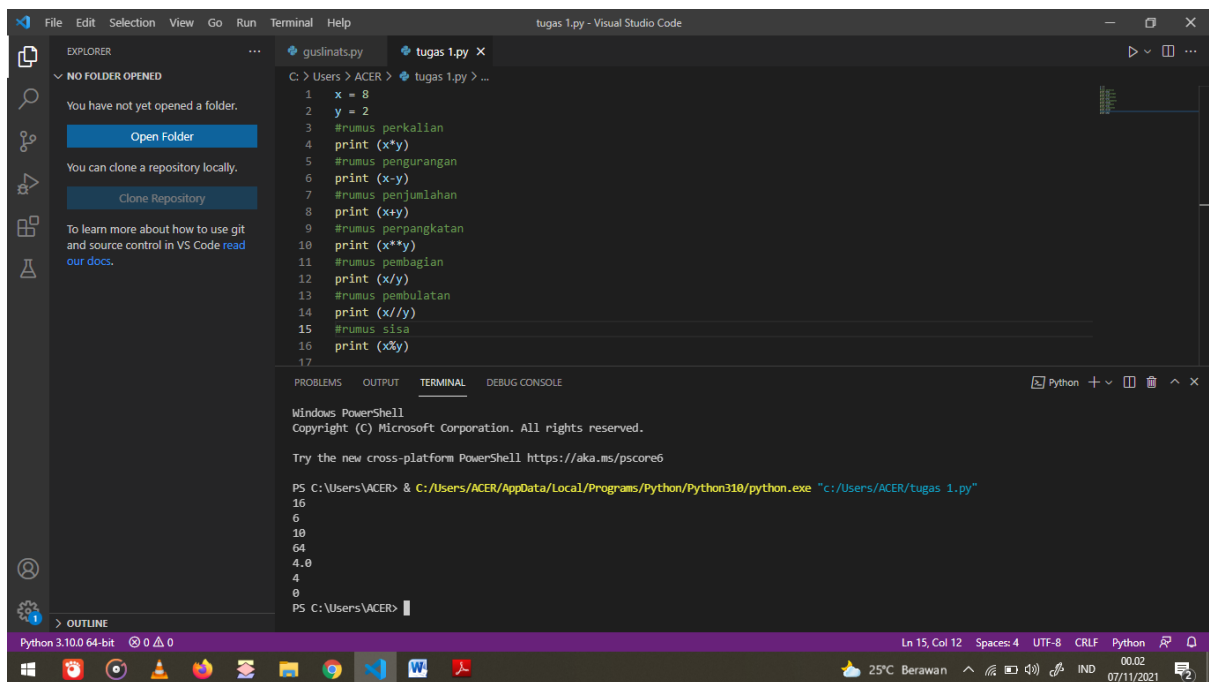
The screenshot shows the Visual Studio Code interface with a Python file named `tugas 1.py` open. The Explorer panel on the left shows the file structure. The main editor displays the following Python code:

```
1 course = "Menonton dan membaca bersama cece"
2 print(course.lower())
3
4 Course = "Menonton dan membaca bersama cece"
5 print(course.capitalize())
6
7 Course = "menonton dan membaca bersama cece"
8 print(course.title())
9
10 Course = "menonton dan membaca bersama cece"
11 print(course.replace("dan", "atau"))
12
13 Course = "menonton dan membaca bersama cece"
14 language = "bersama"
15 print(language in Course)
```

The TERMINAL panel at the bottom shows the output of the script:

```
PS C:\Users\ACER> & C:/Users/ACER/AppData/Local/Programs/Python/Python310/python.exe "c:/Users/ACER/tugas 1.py"
MENONTON DAN MEMBACA BERSAMA CECE
menonton dan membaca bersama cece
Menonton dan membaca bersama cece
Menonton Dan Membaca Bersama Cece
menonton atau membaca bersama cece
True
PS C:\Users\ACER>
```

- Matematika



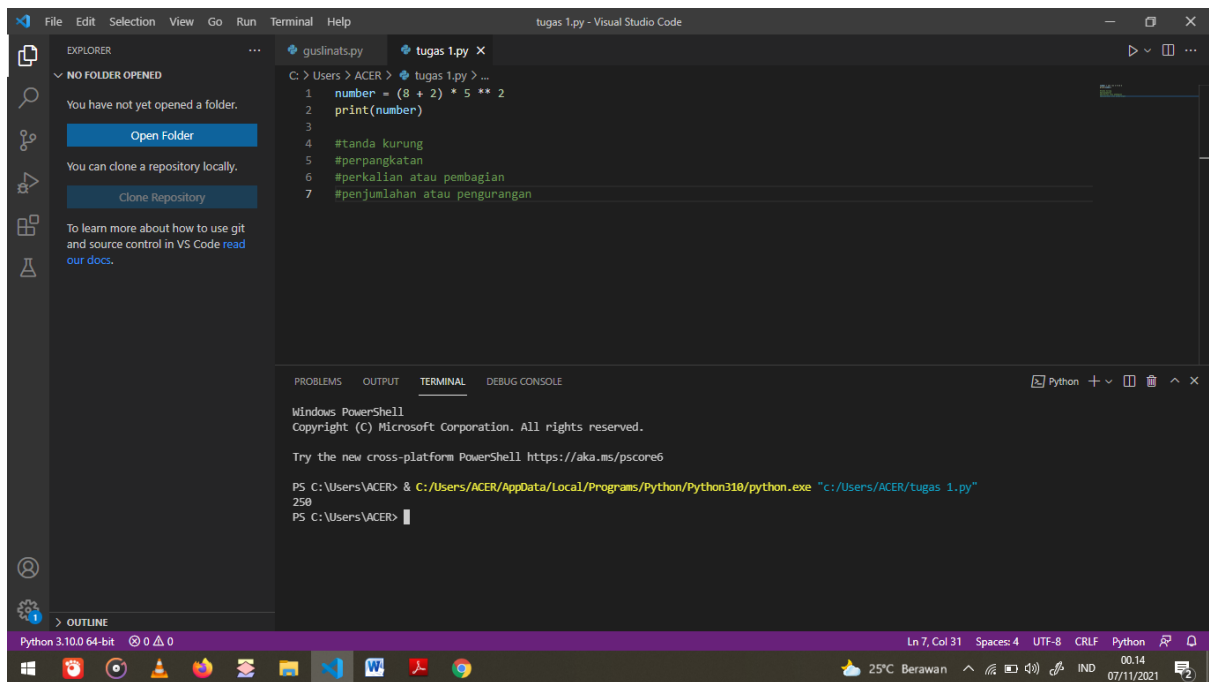
The screenshot shows the Visual Studio Code interface with a Python file named `tugas 1.py` open. The Explorer panel on the left shows the file structure. The main editor displays the following Python code:

```
1 x = 8
2 y = 2
3 #rumus perkalian
4 print (x*y)
5 #rumus pengurangan
6 print (x-y)
7 #rumus penjumlahan
8 print (x+y)
9 #rumus perpangkatan
10 print (x**y)
11 #rumus pembagian
12 print (x/y)
13 #rumus pembulatan
14 print (x//y)
15 #rumus sisa
16 print (x%y)
```

The TERMINAL panel at the bottom shows the output of the script:

```
PS C:\Users\ACER> & C:/Users/ACER/AppData/Local/Programs/Python/Python310/python.exe "c:/Users/ACER/tugas 1.py"
16
6
10
64
4.0
4
0
PS C:\Users\ACER>
```

- Operator Precedence



The screenshot shows the Visual Studio Code interface with a file named `tugas 1.py` open. The code in the editor is as follows:

```
1 number = (8 + 2) * 5 ** 2
2 print(number)
3
4 #tanda kurung
5 #perpangkatan
6 #perkalian atau pembagian
7 #penjumlahan atau pengurangan
```

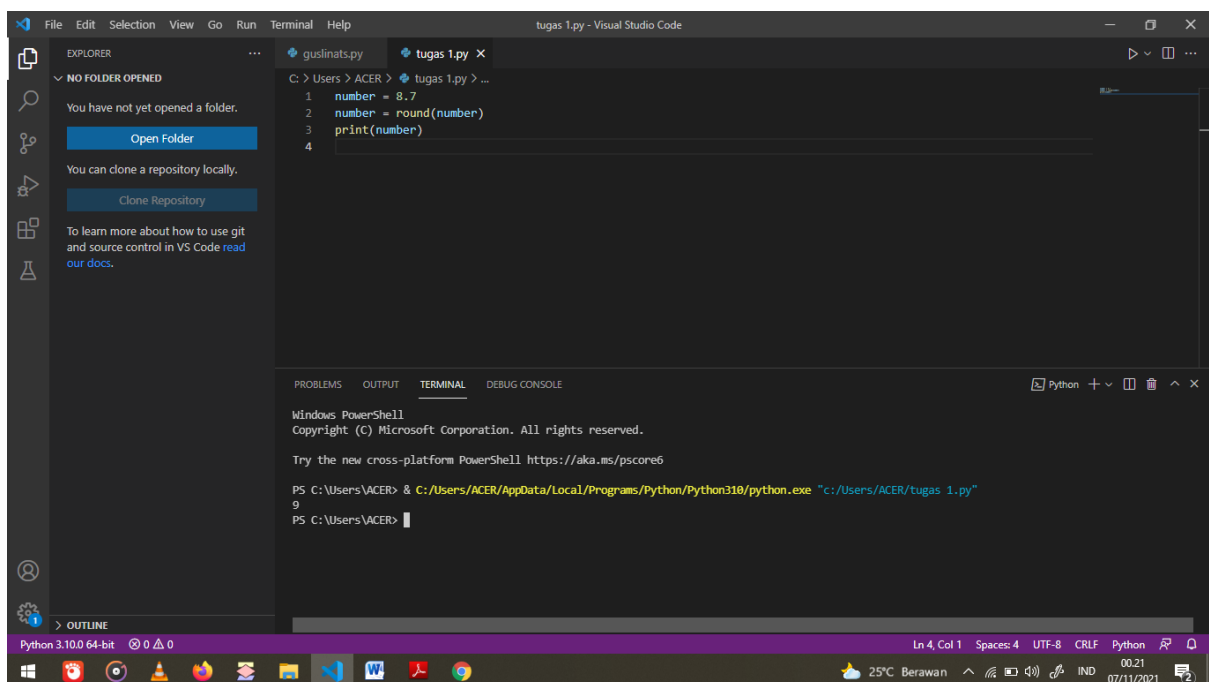
The terminal at the bottom shows the command to run the script and its output:

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

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

PS C:\Users\ACER> & C:/Users/ACER/AppData/Local/Programs/Python/Python310/python.exe "c:/Users/ACER/tugas 1.py"
250
PS C:\Users\ACER>
```

- Math Module



The screenshot shows the Visual Studio Code interface with a file named `tugas 1.py` open. The code in the editor is as follows:

```
1 number = 8.7
2 number = round(number)
3 print(number)
4
```

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

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

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

PS C:\Users\ACER> & C:/Users/ACER/AppData/Local/Programs/Python/Python310/python.exe "c:/Users/ACER/tugas 1.py"
9
PS C:\Users\ACER>
```

