

EDI CAHYADI

19.01.013.088

The image displays two screenshots of the Visual Studio Code editor interface, showing the development of two Python scripts.

**Top Screenshot:** The editor window is titled "math\_module.py - belajar\_python - Visual Studio Code". The Explorer sidebar on the left shows a folder named "BELAJAR\_PYTHON" containing several files, with "math\_module.py" selected. The main editor area shows the code for "math\_module.py":

```
1 import math
2
3 number = 5.9
4 number = math.floor(number)
5 number2 = math.ceil(number)
6
7 print(number)
8 print(number2)
```

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

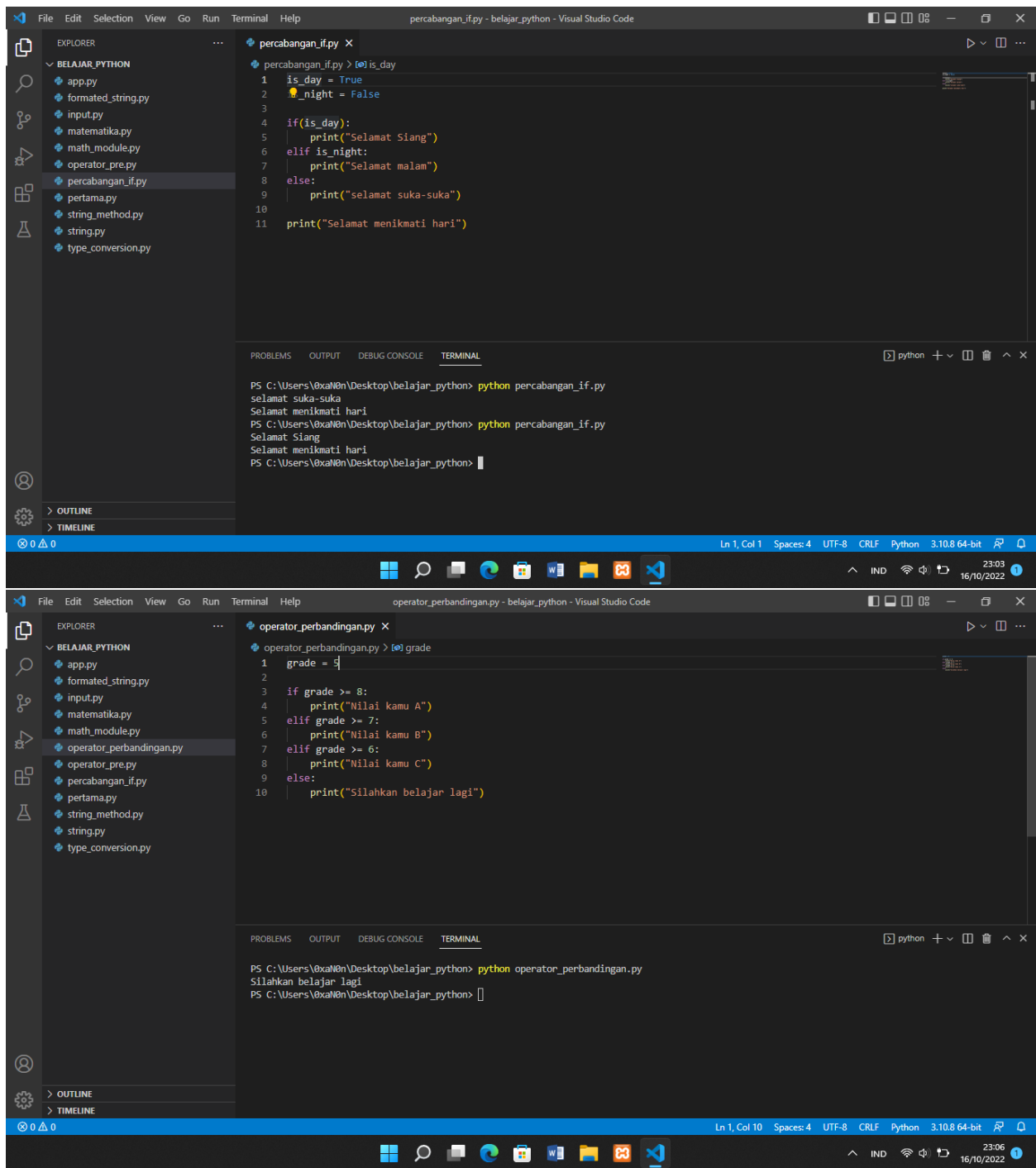
```
PS C:\Users\Oxan0n\Desktop\belajar_python> python math_module.py
5
PS C:\Users\Oxan0n\Desktop\belajar_python> python math_module.py
5
PS C:\Users\Oxan0n\Desktop\belajar_python>
```

**Bottom Screenshot:** The editor window is titled "percabangan\_if.py - belajar\_python - Visual Studio Code". The Explorer sidebar shows "percabangan\_if.py" selected. The main editor area shows the code for "percabangan\_if.py":

```
1 is_day = False
2 is_night = False
3
4 if(is_day):
5     print("Selamat Siang")
6 elif is_night:
7     print("Selamat malam")
8 else:
9     print("selamat suka-suka")
10
11 print("Selamat menikmati hari")
```

The TERMINAL panel shows the execution of the script:

```
PS C:\Users\Oxan0n\Desktop\belajar_python> python percabangan_if.py
selamat suka-suka
Selamat menikmati hari
PS C:\Users\Oxan0n\Desktop\belajar_python>
```



operator\_perbandingan.py - belajar\_python - Visual Studio Code

EXPLORER

- BELAJAR\_PYTHON
  - app.py
  - formatted\_string.py
  - input.py
  - matematika.py
  - math\_module.py
  - operator\_perbandingan.py
  - operator\_pre.py
  - percabangan\_if.py
  - pertama.py
  - string\_method.py
  - string.py
  - type\_conversion.py

operator\_perbandingan.py > grade

```
1 grade = 8
2
3 if grade >= 8:
4     print("Nilai kamu A")
5 elif grade >= 7:
6     print("Nilai kamu B")
7 elif grade >= 6:
8     print("Nilai kamu C")
9 else:
10    print("Silahkan belajar lagi")
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL

python

```
PS C:\Users\0xaN0n\Desktop\belajar_python> python operator_perbandingan.py
Silahkan belajar lagi
PS C:\Users\0xaN0n\Desktop\belajar_python> python operator_perbandingan.py
Nilai kamu A
PS C:\Users\0xaN0n\Desktop\belajar_python> |
```

Ln 1, Col 10 Spaces: 4 UTF-8 CRLF Python 3.10.8 64-bit

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operator\_logika.py - belajar\_python - Visual Studio Code

EXPLORER

- BELAJAR\_PYTHON
  - app.py
  - formatted\_string.py
  - input.py
  - matematika.py
  - math\_module.py
  - operator\_logika.py
  - operator\_perbandingan.py
  - operator\_pre.py
  - percabangan\_if.py
  - pertama.py
  - string\_method.py
  - string.py
  - type\_conversion.py

operator\_logika.py > ...

```
1 name = "Edi Cahyadi"
2 by_pass_validation = False
3
4 if len(name) > 3 and by_pass_validation :
5     print("Welcome")
6 else:
7     print("Nama terlalu pendek")
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL

python

```
PS C:\Users\0xaN0n\Desktop\belajar_python> python operator_logika.py
Nama terlalu pendek
PS C:\Users\0xaN0n\Desktop\belajar_python> |
```

Ln 7, Col 31 Spaces: 4 UTF-8 CRLF Python 3.10.8 64-bit

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