

Tutorial Python 3

Nama : Nessa Kartika

NIM : 211001039

Kelas : 3D Informatika

Tutorial Python Beginner

Mempraktikkan tema pada VS-Code menggunakan PL Python

Waktu dan Tema pada video youtube :

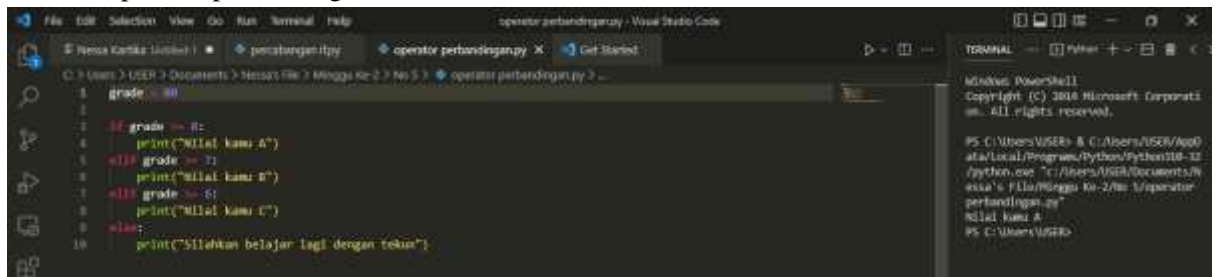
- 1) 1:16:43 Percabangan If



```
File Edit Selection View Go Run Terminal Help
percabangan if.py - Visual Studio Code
C:\Users\USER\Documents> Nessa File > Minggu Ke-2 > No 5 > percabangan if.py ...
1 is_day = True
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 ini")
```

Terminal: Windows PowerShell Copyright (C) 2014 Microsoft Corporation. All rights reserved. PS C:\Users\USER> & C:\Users\USER\AppData\Local\Programs\Python\Python310-32\python.exe "C:\Users\USER\Documents\Nessa's File\Minggu Ke-2\No 5\percabangan if.py" Selamat Suka-suka Selamat menikmati hari ini PS C:\Users\USER>

- 2) 1:23:39 Operator perbandingan



```
File Edit Selection View Go Run Terminal Help
operator perbandingan.py - Visual Studio Code
C:\Users\USER\Documents> Nessa File > Minggu Ke-2 > No 5 > operator perbandingan.py ...
1 grade = 80
2
3 if grade >= 75:
4     print("Nilai kamu A")
5 elif grade >= 70:
6     print("Nilai kamu B")
7 elif grade >= 65:
8     print("Nilai kamu C")
9 else:
10    print("Silahkan belajar lagi dengan tekun")
```

Terminal: Windows PowerShell Copyright (C) 2014 Microsoft Corporation. All rights reserved. PS C:\Users\USER> & C:\Users\USER\AppData\Local\Programs\Python\Python310-32\python.exe "C:\Users\USER\Documents\Nessa's File\Minggu Ke-2\No 5\operator-perbandingan.py" Nilai kamu A PS C:\Users\USER>

- 3) 1:29:11 Operator logika



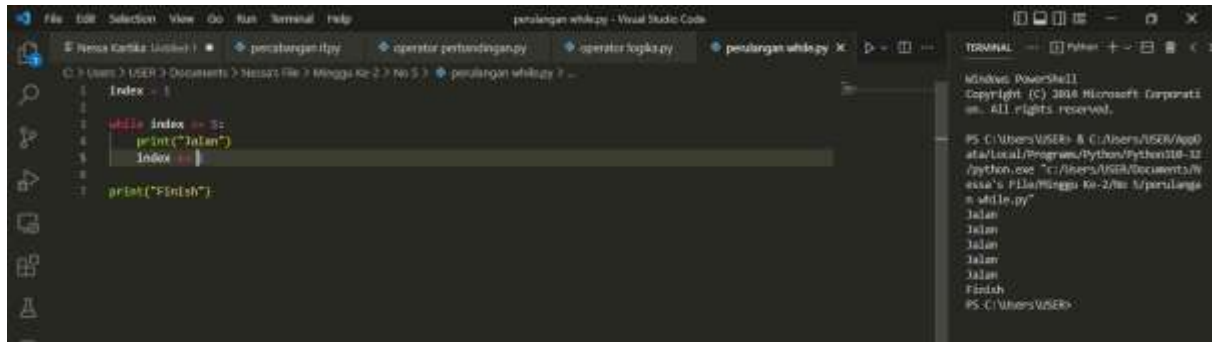
```
File Edit Selection View Go Run Terminal Help
operator logika.py - Visual Studio Code
C:\Users\USER\Documents> Nessa File > Minggu Ke-2 > No 5 > operator logika.py ...
1 name = "Nessa Kartika"
2 by_pass_validation = False
3
4 if len(name) < 3 and by_pass_validation:
5     print("Welcome")
6 else:
7     print("Nama terlalu pendek")
```

Terminal: Windows PowerShell Copyright (C) 2014 Microsoft Corporation. All rights reserved. PS C:\Users\USER> & C:\Users\USER\AppData\Local\Programs\Python\Python310-32\python.exe "C:\Users\USER\Documents\Nessa's File\Minggu Ke-2\No 5\operator-logika.py" Nama terlalu pendek PS C:\Users\USER>

```
File Edit Selection View Go Run Terminal Help
operator logika.py - Visual Studio Code
C:\Users\USER\Documents> Nessa File > Minggu Ke-2 > No 5 > operator logika.py ...
1 name = "Nessa Kartika"
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")
```

Terminal: Windows PowerShell Copyright (C) 2014 Microsoft Corporation. All rights reserved. PS C:\Users\USER> & C:\Users\USER\AppData\Local\Programs\Python\Python310-32\python.exe "C:\Users\USER\Documents\Nessa's File\Minggu Ke-2\No 5\operator-logika.py" Welcome PS C:\Users\USER>

4) 1:34:14 Perulangan While



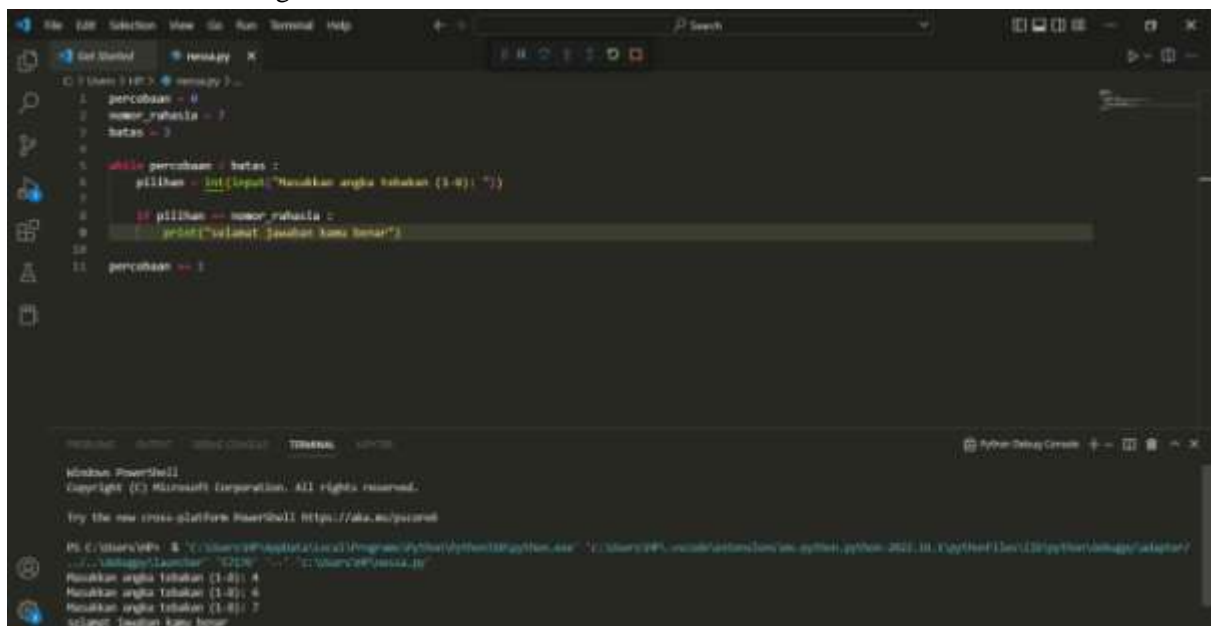
The screenshot shows a Visual Studio Code editor with a file named `perulangan_while.py`. The code is as follows:

```
1 index = 1
2
3 while index <= 5:
4     print("Jalan")
5     index += 1
6
7 print("Finish")
```

The terminal on the right shows the output of the script:

```
PS C:\Users\USER> python.exe "c:/Users/USER/Documents/Nessa's File/Minggu Ke-2/No 5/ perulangan_while.py"
Jalan
Jalan
Jalan
Jalan
Jalan
Finish
PS C:\Users\USER>
```

5) 1:39:55 Game tebak angka



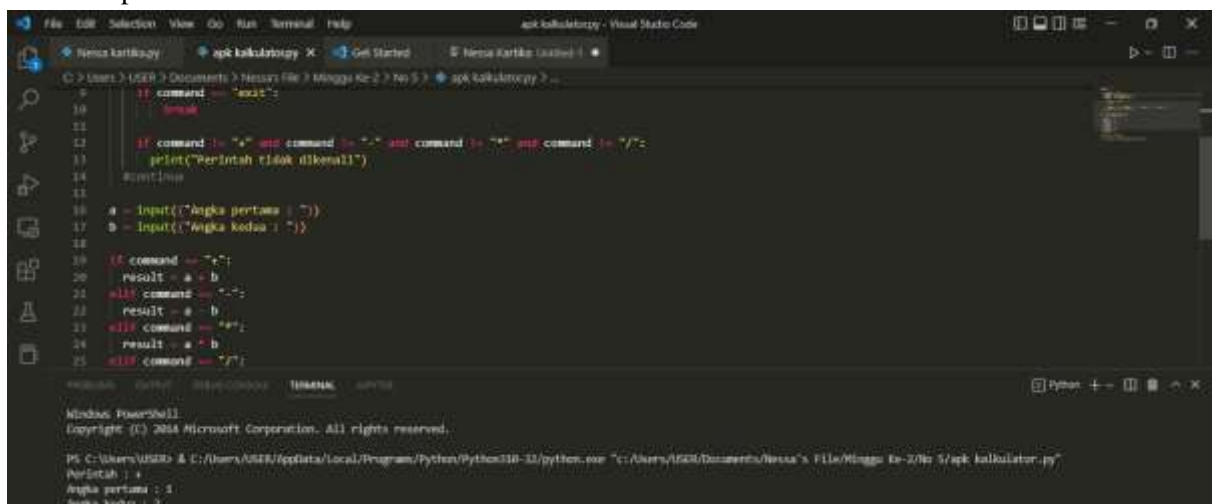
The screenshot shows a Visual Studio Code editor with a file named `tebak.py`. The code is as follows:

```
1 percobaan = 0
2 nomor_rahasia = 7
3 batas = 3
4
5 while percobaan < batas :
6     pilihan = int(input("Masukkan angka tebakan (1-9): "))
7
8     if pilihan == nomor_rahasia :
9         print("Selamat! Jawaban kamu benar!")
10
11     percobaan += 1
```

The terminal shows the execution of the script:

```
PS C:\Users\USER> python.exe "c:/Users/USER/Documents/Nessa's File/Minggu Ke-2/No 5/tebak.py"
Masukkan angka tebakan (1-9): 4
Masukkan angka tebakan (1-9): 4
Masukkan angka tebakan (1-9): 7
Selamat! Jawaban kamu benar!
```

6) 1:48:22 Aplikasi kalkulator



The screenshot shows a Visual Studio Code editor with a file named `apk_kalkulator.py`. The code is as follows:

```
1 if __name__ == '__main__':
2     if command == "exit":
3         break
4
5     if command != "+" and command != "-" and command != "*" and command != "/":
6         print("Perintah tidak dikenali")
7     continue
8
9     a = input("Angka pertama : ")
10    b = input("Angka kedua : ")
11
12    if command == "+":
13        result = a + b
14    elif command == "-":
15        result = a - b
16    elif command == "*":
17        result = a * b
18    elif command == "/":
19        result = a / b
```

The terminal shows the execution of the script:

```
PS C:\Users\USER> python.exe "c:/Users/USER/Documents/Nessa's File/Minggu Ke-2/No 5/apk_kalkulator.py"
Perintah : +
Angka pertama : 1
Angka kedua : 2
```