

1.

The screenshot shows a Visual Studio Code interface with the following details:

- File Explorer:** Shows a tree view of files and folders. The current file is "no 1.py".
- Code Editor:** Displays the following Python code:

```
5     harga = 0
6
7     print("-----")
8     print( "|", " Satuan | Harga |" )
9     print("-----")
10
11    while satuan<N:
12        satuan = satuan + 5
13        harga = satuan * 1500
14        print("|",satuan," | ",harga," |")
15        print("-----")
```
- Terminal:** Shows the output of the script:

2.0		3200.0	
2.5		4000.0	
3.0		4800.0	
3.5		5600.0	
4.0		6400.0	
4.5		7200.0	
5.0		8000.0	
- Status Bar:** Shows the path "C:\Users\AGUS\Documents\1-5 uts>", the Python version "Python 3.10.0 64-bit", and the terminal mode "master+".
- Bottom Bar:** Includes icons for file operations, search, and browser.

2.

The screenshot shows a Visual Studio Code interface with the following details:

- File Explorer (Left):** Shows a tree view of files under "1-5 UTS". The file "no 2.py" is selected and highlighted.
- Code Editor (Top Right):** Displays the Python code:

```
no 2.py U x
6.6 praktikum (tugas 3) > no 2.py > ...
1 a = int(input("masukkan batas :"))
2 b = 1
3 while b<a :
4     print(b)
5
6 b = b + 1
```
- Terminal (Bottom):** Shows the command run and its output:

```
Windows PowerShell
Copyright (C) 2015 Microsoft Corporation. All rights reserved.

PS C:\Users\ASUS\Documents\1-5 uts> & C:/Users/ASUS/AppData/Local/Programs/Python/Python310/python.exe "C:/Users/ASUS/Documents/1-5 uts/6.6 praktikum (tugas 3)/no 2.py"
masukkan batas :5
1
2
3
4
5
PS C:\Users\ASUS\Documents\1-5 uts>
```
- Status Bar (Bottom):** Shows "master" branch, Python 3.10.0 64-bit, and other system icons.
- Bottom Right:** Activation message: "Activate Windows Go to Settings to activate Windows."
- Bottom Right:** Status bar with file name "no 2.py - 1-5 uts - Visual Studio Code", line count "Ln 1, Col 1", and date/time "17-Nov-21".

3.

The screenshot shows the Visual Studio Code interface with the following details:

- File Explorer:** Shows a folder structure for "1-5 UTS" containing files like "no 1.py", "no 2.py", "no 3.py", etc.
- Code Editor:** Displays a Python script named "no 3.py".

```
6.6 praktikum (tugas 3) > no 3.py > ...
1 bilangan =int(input())
2 a = []
3
4 for i in range (0,bilangan):
5     jumlah_total = int(input())
6     a.append(jumlah_total)
7
8 rata_rata = sum (a) / bilangan
9 total = bilangan * jumlah_total
10 print("Bilangan : ", bilangan)
11 print ("Jumlah total : ", total)
12 print ("Rata-rata : ", rata_rata)
```
- Terminal:** Shows the command PS C:\Users\ASUS\Documents\1-5 uts> & C:/Users/ASUS/AppData/Local/Programs/Python/Python310/python.exe "c:/Users/ASUS/Documents/1-5 uts/6.6 praktikum (tugas 3)/no 3.py"
3
100
100
100
Masukkan bilangan : 3
Jumlah total : 300
Rata-rata : 100.0
- Status Bar:** Shows "master+", "Python 3.10.0 64-bit", "Ln 12, Col 43", "Spaces 4", "UTF-8", "CRLF", "Python", "Activate Windows", "Go to Settings to activate Windows.", "16-Nov-21".

4.

The screenshot shows the Visual Studio Code interface with the following details:

- File Explorer:** Shows a folder structure for "1-5 UTS" containing files like "no 1.py", "no 2.py", "no 3.py", etc., and specifically highlights "no 4.py".
- Code Editor:** Displays a Python script named "no 4.py".

```
6.6 praktikum (tugas 3) > no 4.py > ...
1 j = int(input("Bilangan asli = "))
2 k = int(input("Bilangan pangkat = "))
3
4 result = j**k
5 print(f'Hasil = {result}')
```
- Terminal:** Shows the command PS C:\Users\ASUS\Documents\1-5 uts> & C:/Users/ASUS/AppData/Local/Programs/Python/Python310/python.exe "c:/Users/ASUS/Documents/1-5 uts/6.6 praktikum (tugas 3)/no 4.py"
Bilangan asli = 4
Bilangan pangkat = 2
Hasil = 16
- Status Bar:** Shows "master+", "Python 3.10.0 64-bit", "Ln 5, Col 27", "Spaces 4", "UTF-8", "CRLF", "Python", "Activate Windows", "Go to Settings to activate Windows.", "17-Nov-21".

5.

The screenshot shows the Visual Studio Code interface with the following details:

- File Explorer:** Shows a tree view of files under "1-5 UT斯". The selected file is "no 5.py". Other files include "no 1.py", "no 2.py", "no 3.py", "no 4.py", "no 5.py", and "no 6.py".
- Code Editor:** Displays the following Python code:

```
6.6 praktikum (tugas 3) > no 5.py > ...
1 bill = (print("4!"))
2 n1 = int(input("N1 : "))
3 n2 = int(input("N2 : "))
4 n3 = int(input("N3 : "))
5 n4 = int(input("N4 : "))
6
7 bill = n1 * n2 * n3 * n4
8
9 print("HASIL : ", bill, "!")
10
```
- Terminal:** Shows the command line output of running the script:

```
PS C:\Users\ASUS\Documents\1-5_uts> & C:/Users/ASUS/AppData/Local/Programs/Python/Python310/python.exe "c:/Users/ASUS/Documents/1-5_uts/6.6_praktikum (tugas 3)/no 5.py"
4!
N1 : 4
N2 : 3
N3 : 2
N4 : 1
HASIL : 24 !
PS C:\Users\ASUS\Documents\1-5_uts>
```
- Bottom Status Bar:** Shows "master+", "Python 3.10.0 64-bit", "0 0 △ 0", "Ln 1, Col 18", "Spaces: 4", "UTF-8", "CRLF", "Python", "Activate Windows", "Go to Settings to activate Windows.", "10:33 PM", "16-Nov-21".

6.

The screenshot shows the Visual Studio Code interface with the following details:

- File Explorer:** Shows a tree view of files under "1-5 UT斯". The selected file is "no 6.py". Other files include "no 1.py", "no 2.py", "no 3.py", "no 4.py", "no 5.py", "no 6.py", "no 7.py", "no 8.py", and "no 9.py".
- Code Editor:** Displays the following Python code:

```
6.6 praktikum (tugas 3) > no 6.py > ...
1 trying = 0
2 secret_number = 10
3 limit = 3
4
5 while trying < limit :
6     guess_number = input("Masukkan angka (0-15) : ")
7     guess_number = int(guess_number)
8
9     if guess_number > secret_number :
10        print("tebakan angka lebih besar")
11    if guess_number < secret_number :
12        print("tebakan angka lebih kecil")
13    if guess_number == secret_number :
14        print(" Selamat anda berhasil ")
15        break
16    trying += 1
```
- Terminal:** Shows the command line output of running the script:

```
PS C:\Users\ASUS\Documents\1-5_uts> & C:/Users/ASUS/AppData/Local/Programs/Python/Python310/python.exe "c:/Users/ASUS/Documents/1-5_uts/6.6_praktikum (tugas 3)/no 6.py"
Masukkan angka (0-15) : 2
tebakan angka lebih kecil
Masukkan angka (0-15) : 11
tebakan angka lebih besar
Masukkan angka (0-15) : 10
Selamat anda berhasil
```
- Bottom Status Bar:** Shows "master+", "Python 3.10.0 64-bit", "0 0 △ 0", "Ln 10, Col 43", "Spaces: 4", "UTF-8", "CRLF", "Python", "Activate Windows", "Go to Settings to activate Windows.", "6:00 AM", "17-Nov-21".

7.

The screenshot shows the Visual Studio Code interface with the following details:

- File Explorer:** Shows a folder structure for "1-5 UTS" containing subfolders like "4.9 praktikum", "4.10 praktikum", "5.7 praktikum", "6.6 praktikum", and "7.8 praktikum". Inside "6.6 praktikum", there are files "no 1.py", "no 2.py", "no 3.py", "no 4.py", "no 5.py", "no 6.py", "no 7.py" (which is the active file), and "no 8.py".
- Code Editor:** Displays the following Python code:

```
6.6 praktikum (tugas 3) > no 7.py < ...
1 x = int(input("x = "))
2 y = int(input("y = "))
3
4 hasil=0
5 for deret in range(x,y):
6     hasil = hasil + deret
7     print(deret,end=" ")
8
9 print("jumlah : ", hasil)
```
- Terminal:** Shows the output of running the script:

```
Windows PowerShell
Copyright (C) 2015 Microsoft Corporation. All rights reserved.

PS C:\Users\ASUS\Documents\1-5 uts> & C:/users/ASUS/appdata/local/programs/python/python310/python.exe "c:/users/ASUS/Documents/1-5 uts/o.6 praktikum (tugas 3 )/no 7.py"
x = 4
y = 10
4 5 6 7 8 9 jumlah :  39
PS C:\Users\ASUS\Documents\1-5 uts>
```
- Bottom Status Bar:** Shows "master+", "Python 3.10.0 64-bit", "0 △ 0", and the date/time "17-Nov-21".

8.

The screenshot shows the Visual Studio Code interface with the following details:

- File Explorer:** Shows a folder structure for "1-5 UTS" containing subfolders like "4.9 praktikum", "4.10 praktikum", "5.7 praktikum", "6.6 praktikum", and "7.8 praktikum". Inside "6.6 praktikum", there are files "no 1.py", "no 2.py", "no 3.py", "no 4.py", "no 5.py", "no 6.py", "no 7.py" (which is the active file), and "no 8.py".
- Code Editor:** Displays the following Python code:

```
6.6 praktikum (tugas 3) > no 8.py < ...
1 print("hasil point a nomor 8")
2 angka = 1 , 2 , 3 , 4 , 5
3 print(angka)
4 angka = 5 , 6 , 7 , 8 , 9 , 10
5 print(angka)
6 angka = 11 , 12 , 13 , 14 , 15
7 print(angka)
8
9 print("hasil point b nomor 8")
10 s = ""
11 for i in range ( 6):
12     s += str(i)+" "
13     print(s)
14
15 print("hasil point c nomor 8")
16 n = int(input("masukkan angka: "))
17
18 for i in range(1, n+1):
19     for j in range(1, n+1):
20         print(j, end=" ")
21     print()
22     n -= 1
23
24 print("hasil point d nomor 8")
25 angka = 1 , 2 , 3 , 4
26 print(angka)
27 angka = 5 , 6 , 7 , 8
28 print(angka)
29 angka = 9 , 10 , 11 , 12
30 print(angka)
31
32 print(angka)
33
```
- Bottom Status Bar:** Shows "master+", "Python 3.10.0 64-bit", "0 △ 0", and the date/time "17-Nov-21".

The screenshot shows the Visual Studio Code interface with the following details:

- File Bar:** File, Edit, Selection, View, Go, Run, Terminal, Help.
- Title Bar:** no 8.py - 1-5 uts - Visual Studio Code.
- Explorer:** Shows a folder structure for '1-5 UTS' containing files like 'no 1.py' through 'no 8.py'.
- Editor:** Displays Python code for generating a point pattern. The code uses nested loops to print points in a grid and calculates powers of 1, 2, 3, 4, and 5.
- Terminal:** Shows the command 'python no 8.py' being run.
- Status Bar:** master+, Python 3.10.0 64-bit, Line 27, Column 23, Spaces 4, UTF-8, CR/LF, Python, 553 AM, 17-Nov-21.

The screenshot shows the Visual Studio Code interface with the following details:

- File Bar:** File, Edit, Selection, View, Go, Run, Terminal, Help.
- Title Bar:** no 8.py - 1-5 uts - Visual Studio Code.
- Explorer:** Shows a folder structure for '1-5 UTS' containing files like 'no 1.py' through 'no 8.py'.
- Terminal:** Shows the output of running 'python no 8.py'. It displays the point patterns for each row and the calculated powers of 1, 2, 3, 4, and 5.
- Status Bar:** master+, Python 3.10.0 64-bit, Line 27, Column 23, Spaces 4, UTF-8, CR/LF, Python, 556 AM, 17-Nov-21.