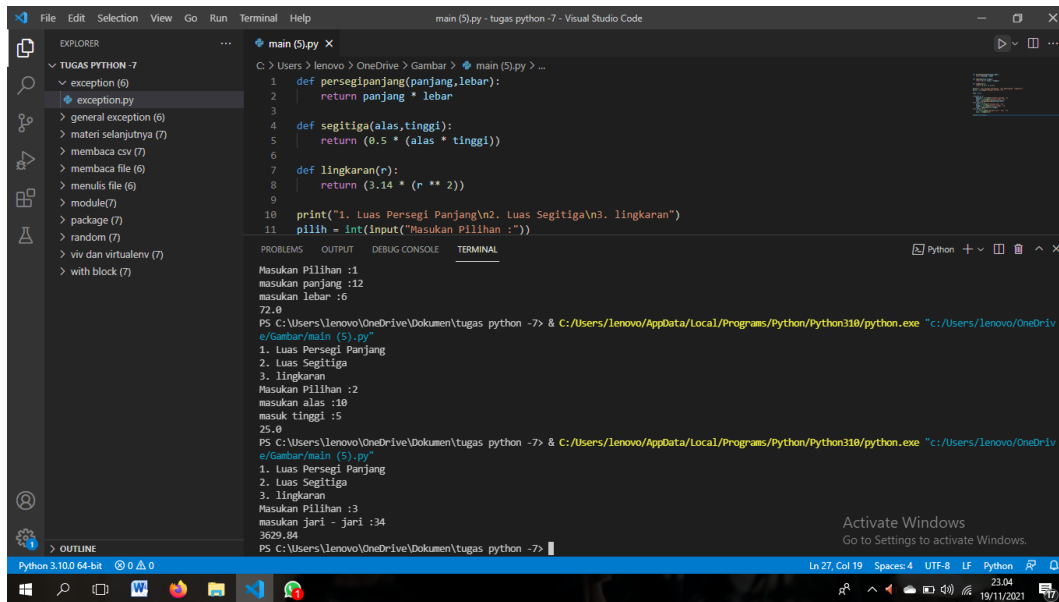


1.



```
File Edit Selection View Go Run Terminal Help
main (5).py - tugas python - 7 - Visual Studio Code

EXPLORER
TUGAS PYTHON - 7
  exception (6)
    exception.py
  general exception (6)
  materi selanjutnya (7)
  membaca csv (7)
  membaca file (6)
  menulis file (6)
  module (7)
  package (7)
  random (7)
  viv dan virtualenv (7)
  with block (7)

main (5).py X
C:\Users\lenovo\OneDrive\Gambar> main (5).py > ...
1 def persegipanjang(panjang,lebar):
2     return panjang * lebar
3
4 def segitiga(alas,tinggi):
5     return (0.5 * (alas * tinggi))
6
7 def lingkaran(r):
8     return (3.14 * (r ** 2))
9
10 print("1. Luas Persegi Panjang\n2. Luas Segitiga\n3. lingkaran")
11 pilih = int(input("Masukan Pilihan :"))

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL
Masukan Pilihan :1
masukan panjang :12
masukan lebar :6
72.0
PS C:\Users\lenovo\OneDrive\Documents\tugas python -7> & C:\Users\lenovo\AppData\Local\Programs\Python\Python310\python.exe "C:\Users\lenovo\OneDrive\Gambar/main (5).py"
1. Luas Persegi Panjang
2. Luas Segitiga
3. lingkaran
Masukan Pilihan :2
masukan alas :10
masuk tinggi :5
25.0
PS C:\Users\lenovo\OneDrive\Documents\tugas python -7> & C:\Users\lenovo\AppData\Local\Programs\Python\Python310\python.exe "C:\Users\lenovo\OneDrive\Gambar/main (5).py"
1. Luas Persegi Panjang
2. Luas Segitiga
3. lingkaran
Masukan Pilihan :3
masukan jari - jari :34
3629.84
PS C:\Users\lenovo\OneDrive\Documents\tugas python -7>

Activate Windows
Go to Settings to activate Windows.

Python 3.10.0 64-bit 0 0 0
Ln 27, Col 19 Spaces: 4 UTF-8 LF Python
```

2.

3.

The screenshot shows the Visual Studio Code interface with a Python file named `main (5).py` open. The Explorer sidebar on the left shows a project named `TUGAS PYTHON - 7` with a file `exception.py` selected. The main editor displays the following Python code:

```
1 def segitiga(alas,tinggi):
2     return (0.5 * (alas * tinggi))
3
4 alas = int(input("masukan alas :"))
5 tinggi = int(input("masuk tinggi :"))
6 luas = segitiga(alas,tinggi)
7 print("Luas Segitiga adalah :",luas)
```

The TERMINAL panel at the bottom shows the command prompt output:

```
PS C:\Users\lenovo\OneDrive\Documents\tugas python -7> & C:/Users/lenovo/AppData/Local/Programs/Python/Python310/python.exe "c:/Users/lenovo/OneDrive/Gambar/main (5).py"
masukan alas :14
masuk tinggi :7
Luas Segitiga adalah : 49.0
PS C:\Users\lenovo\OneDrive\Documents\tugas python -7>
```

The status bar at the bottom indicates the file is at `Ln 7, Col 37` with `Spaces: 4` and `UTF-8` encoding.

4.

The screenshot shows the Visual Studio Code interface with a Python file named `main (5).py` open. The Explorer sidebar on the left shows a project named `TUGAS PYTHON - 7` with a file `exception.py` selected. The main editor displays the following Python code:

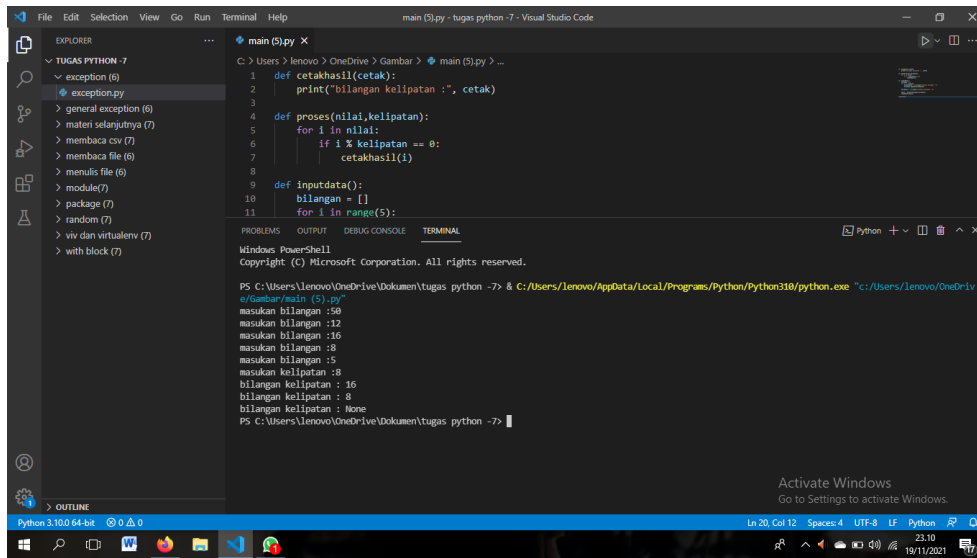
```
1 def proses(deret_bilangan):
2     nilai_terbesar = deret_bilangan[0]
3
4     for nilai in deret_bilangan:
5         if nilai > nilai_terbesar:
6             nilai_terbesar = nilai
7
8     return nilai_terbesar
9
10 def cetakhasil(hasil):
11     print("bilangan terbesar adalah :",proses(hasil))
```

The TERMINAL panel at the bottom shows the command prompt output:

```
PS C:\Users\lenovo\OneDrive\Documents\tugas python -7> & C:/Users/lenovo/AppData/Local/Programs/Python/Python310/python.exe "c:/Users/lenovo/OneDrive/Gambar/main (5).py"
masukan banyak data yang di inginkan :5
masukan bilangan :20
masukan bilangan :15
masukan bilangan :10
masukan bilangan :5
masukan bilangan :12
bilangan terbesar adalah : 20.0
PS C:\Users\lenovo\OneDrive\Documents\tugas python -7>
```

The status bar at the bottom indicates the file is at `Ln 21, Col 12` with `Spaces: 4` and `UTF-8` encoding.

5.



The screenshot shows the Visual Studio Code interface with a Python file named `main(5).py` open. The file contains a function `cetakhasil(cetak)` that prints a multiplication table for a given number, and a function `proses(nilai, kelipatan)` that generates the table. The terminal shows the execution of the script, which prompts the user to enter a number and a multiplier, and then displays the resulting multiplication table.

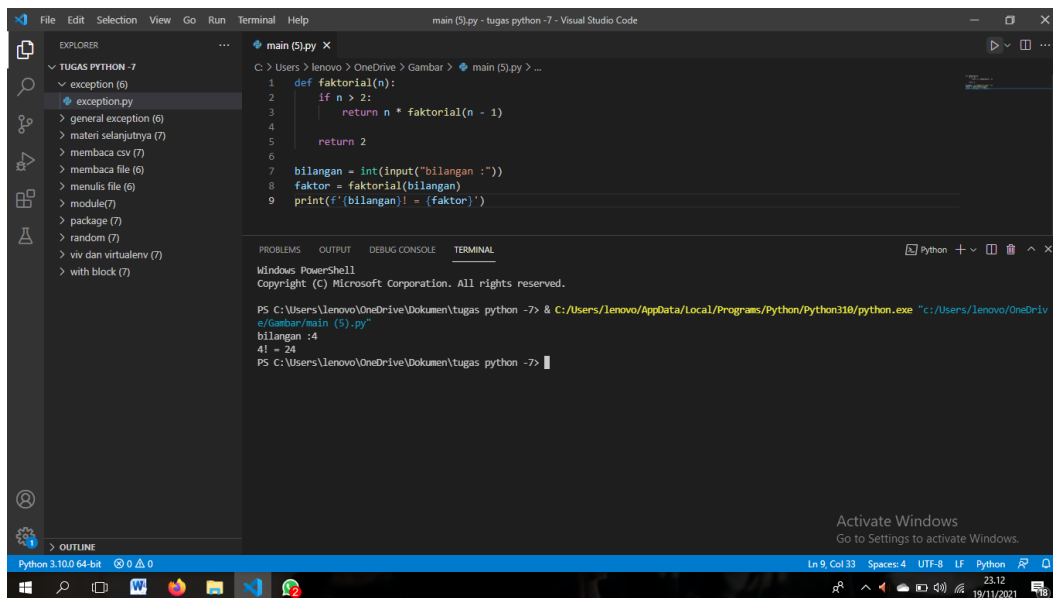
```
1 def cetakhasil(cetak):
2     print("bilangan kelipatan :", cetak)
3
4 def proses(nilai, kelipatan):
5     for i in nilai:
6         if i % kelipatan == 0:
7             cetakhasil(i)
8
9 def inputdata():
10     bilangan = []
11     for i in range(5):
```

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

PS C:\Users\lenovo\OneDrive\Documents\tugas python -7> & C:\Users\lenovo\AppData\Local\Programs\Python\Python310/python.exe "c:/Users/lenovo/OneDrive/Gambar/main (5).py"

masukan bilangan :50
masukan bilangan :12
masukan bilangan :16
masukan bilangan :8
masukan bilangan :5
masukan kelipatan :8
bilangan kelipatan : 16
bilangan kelipatan : 8
bilangan kelipatan : None
PS C:\Users\lenovo\OneDrive\Documents\tugas python -7>

6.



The screenshot shows the Visual Studio Code interface with a Python file named `main(5).py` open. The file contains a function `faktorial(n)` that calculates the factorial of a given number. The terminal shows the execution of the script, which prompts the user to enter a number and then displays the resulting factorial.

```
1 def faktorial(n):
2     if n > 2:
3         return n * faktorial(n - 1)
4
5     return 2
6
7 bilangan = int(input("bilangan :"))
8 faktor = faktorial(bilangan)
9 print(f'bilangan! = {faktor}')
```

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

PS C:\Users\lenovo\OneDrive\Documents\tugas python -7> & C:\Users\lenovo\AppData\Local\Programs\Python\Python310/python.exe "c:/Users/lenovo/OneDrive/Gambar/main (5).py"

bilangan :4
4! = 24
PS C:\Users\lenovo\OneDrive\Documents\tugas python -7>

7.

The screenshot shows the Visual Studio Code interface with a Python file named `main (5).py`. The Explorer panel on the left shows a project named `TUGAS PYTHON -7` with a file `exception.py` selected. The main editor displays the following Python code:

```
1 def fvw_zih_matriks():
2     print(row)
3
4
5 def pjjg_matriks(matriks):
6     return len(matriks[0])
7
8 def lbr_matriks(matriks):
9     return len(matriks)
10
11 def jumlahkan_matriks(mat_a, mat_b):
12     temp_row = []
```

The TERMINAL panel at the bottom shows the command prompt output for running the script:

```
PS C:\Users\lenovo\OneDrive\Documents\tugas python -7> & C:\Users\lenovo\AppData\Local\Programs\Python\Python310\python.exe "C:\Users\lenovo\OneDrive\Documents\tugas python -7\main (5).py"
list a :
[1, 2, 3, 5]
[1, 2, 3, 5]
[1, 2, 3, 5]

list b :
[1, 1, 1, 1]
[1, 1, 1, 1]
[1, 1, 1, 1]

hasil penjumlahan :
[2, 3, 4, 6]
[2, 3, 4, 6]
[2, 3, 4, 6]
```

8.

A

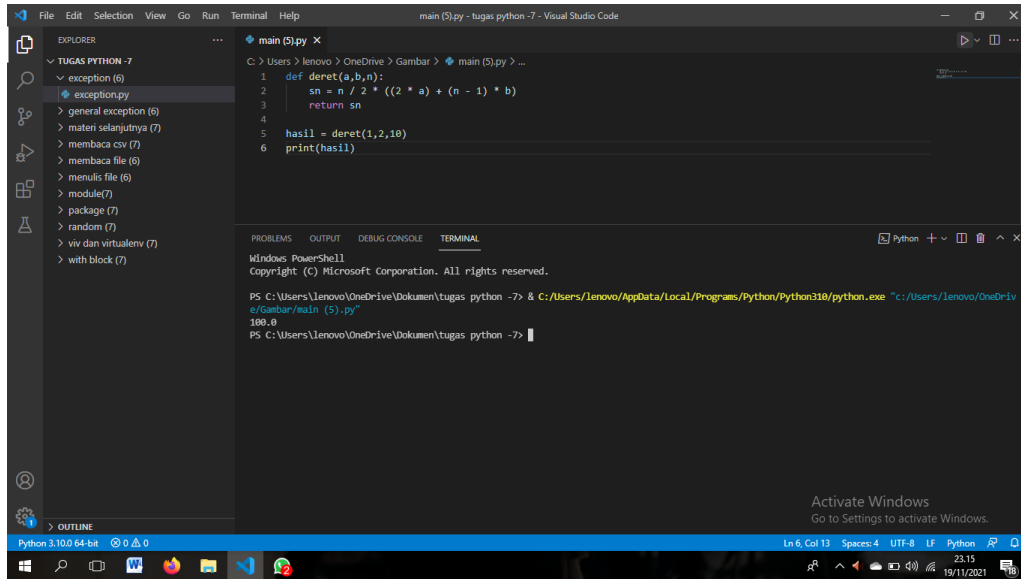
The screenshot shows the Visual Studio Code interface with a Python file named `main (5).py`. The Explorer panel on the left shows a project named `TUGAS PYTHON -7` with a file `exception.py` selected. The main editor displays the following Python code:

```
1 import math
2
3 print("Persamaan: ax^2 + bx + c = 0")
4 a = float(input("a = "))
5 b = float(input("b = "))
6 c = float(input("c = "))
7 print("-----")
8 det = b * b - 4 * a * c
9 if (det < 0):
10     print("Akar Imajiner.")
11 else :
```

The TERMINAL panel at the bottom shows the command prompt output for running the script:

```
PS C:\Users\lenovo\OneDrive\Documents\tugas python -7> & C:\Users\lenovo\AppData\Local\Programs\Python\Python310\python.exe "C:\Users\lenovo\OneDrive\Documents\tugas python -7\main (5).py"
Persamaan: ax^2 + bx + c = 0
a = 20
b = 10
c = 10
-----
Akar Imajiner.
```

B



The screenshot shows the Visual Studio Code interface. The Explorer pane on the left displays a project named 'TUGAS PYTHON -7' with a file tree containing 'exception.py' and several subfolders. The main editor window shows the file 'main(5).py' with the following Python code:

```
1 def deret(a,b,n):
2     sn = n / 2 * ((2 * a) + (n - 1) * b)
3     return sn
4
5 hasil = deret(1,2,10)
6 print(hasil)
```

The TERMINAL pane at the bottom shows the command prompt output for running the script:

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

PS C:\Users\lenovo\OneDrive\Documents\tugas python -7> & C:/Users/lenovo/AppData/Local/Programs/Python/Python310/python.exe "c:/Users/lenovo/OneDrive/Gambar/main (5).py"
100.0
PS C:\Users\lenovo\OneDrive\Documents\tugas python -7>
```

The status bar at the bottom indicates the file is 'main(5).py' in the 'TUGAS PYTHON -7' workspace, using Python 3.10.0 64-bit.

7.