

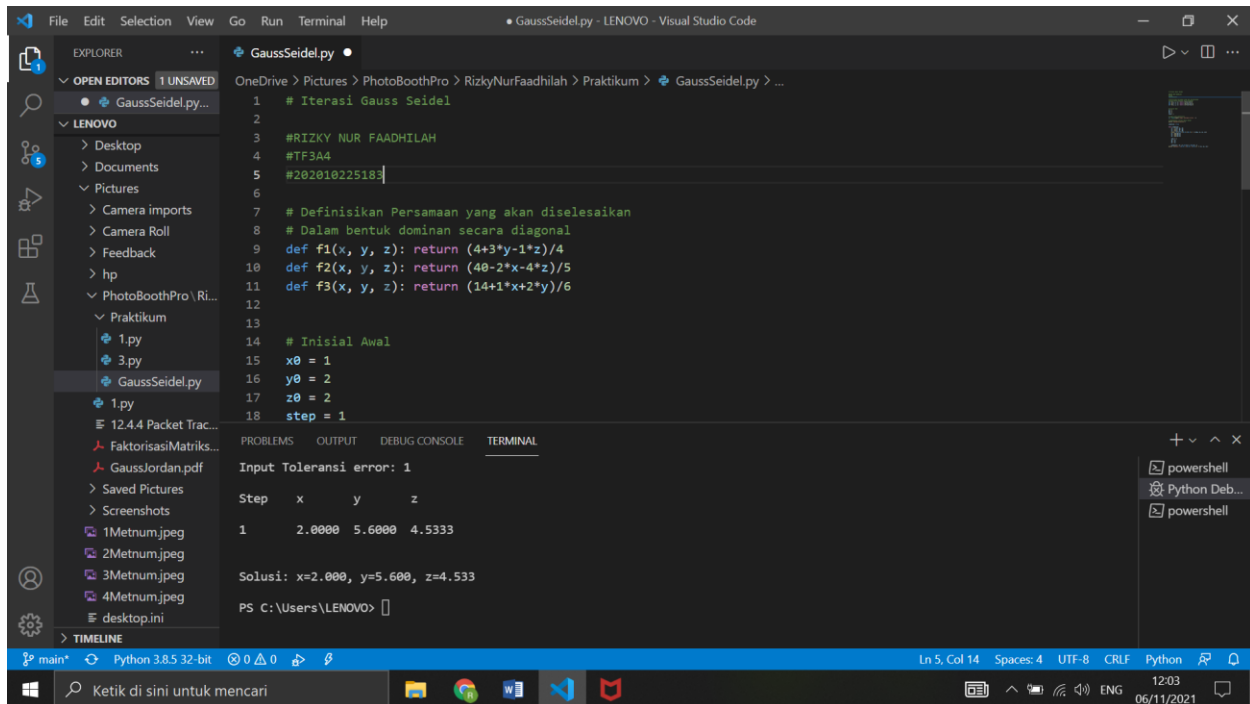
RIZKY NUR FAADHILAH

TF3A4

202010225183

PRAKTIKUM METNUM 2

2.Gauss Seidel



```
File Edit Selection View Go Run Terminal Help
GaussSeidel.py - LENOVO - Visual Studio Code

EXPLORER
1 UNSAVED
GaussSeidel.py...
LENOVO
Desktop
Documents
Pictures
Camera imports
Camera Roll
Feedback
hp
PhotoBoothPro\ Ri...
Praktikum
1.py
3.py
GaussSeidel.py
1.py
12.4.4 Packet Trac...
FaktorisasiMatriks...
GaussJordan.pdf
Saved Pictures
Screenshots
1Metnum.jpeg
2Metnum.jpeg
3Metnum.jpeg
4Metnum.jpeg
desktop.ini
TIMELINE

OneDrive > Pictures > PhotoBoothPro > RizkyNurFaadhilah > Praktikum > GaussSeidel.py > ...
1 # Iterasi Gauss Seidel
2
3 #RIZKY NUR FAADHILAH
4 #TF3A4
5 #202010225183
6
7 # Definisikan Persamaan yang akan diselesaikan
8 # Dalam bentuk dominan secara diagonal
9 def f1(x, y, z): return (4+3*y-1*z)/4
10 def f2(x, y, z): return (40-2*x-4*z)/5
11 def f3(x, y, z): return (14+1*x+2*y)/6
12
13
14 # Inisial Awal
15 x0 = 1
16 y0 = 2
17 z0 = 2
18 step = 1

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL
Input Toleransi error: 1

Step x y z
1 2.0000 5.6000 4.5333

Solusi: x=2.000, y=5.600, z=4.533

PS C:\Users\LENOVO>
```