

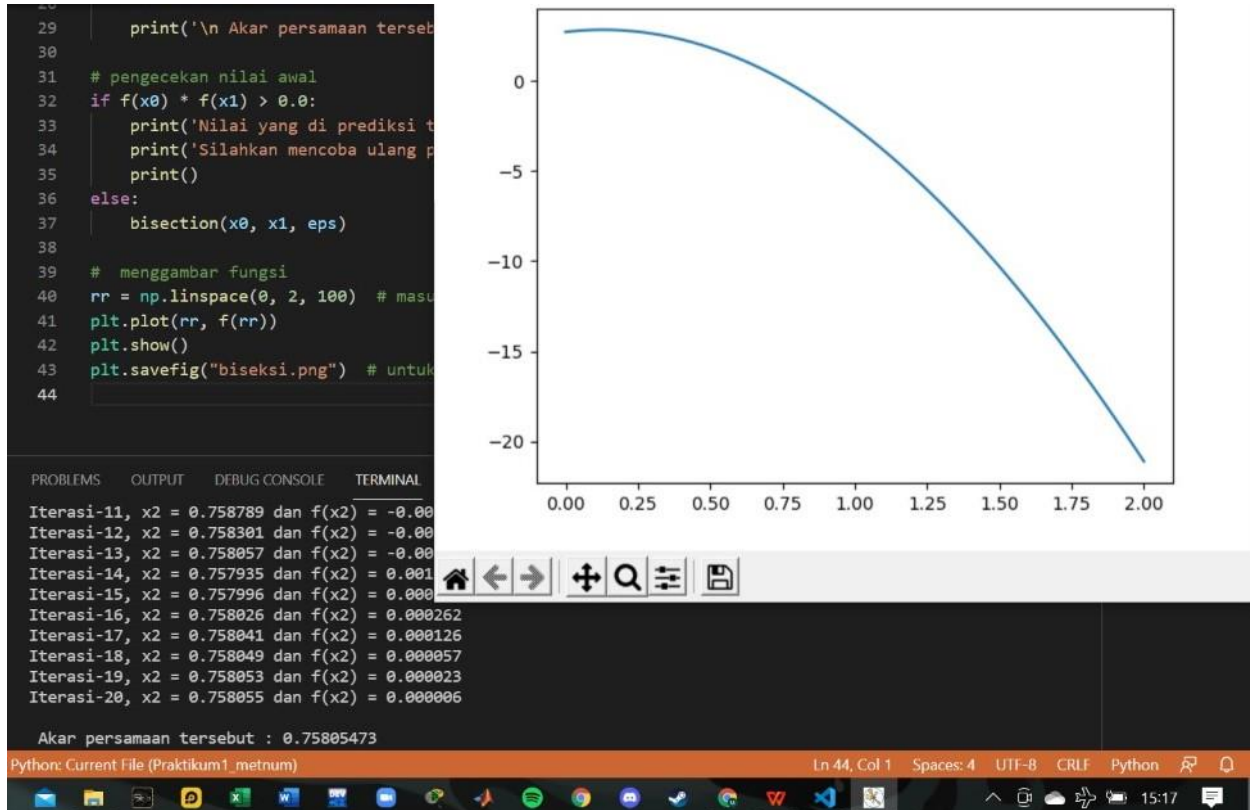
RIZKY NUR FAADHILAH

TF3A4

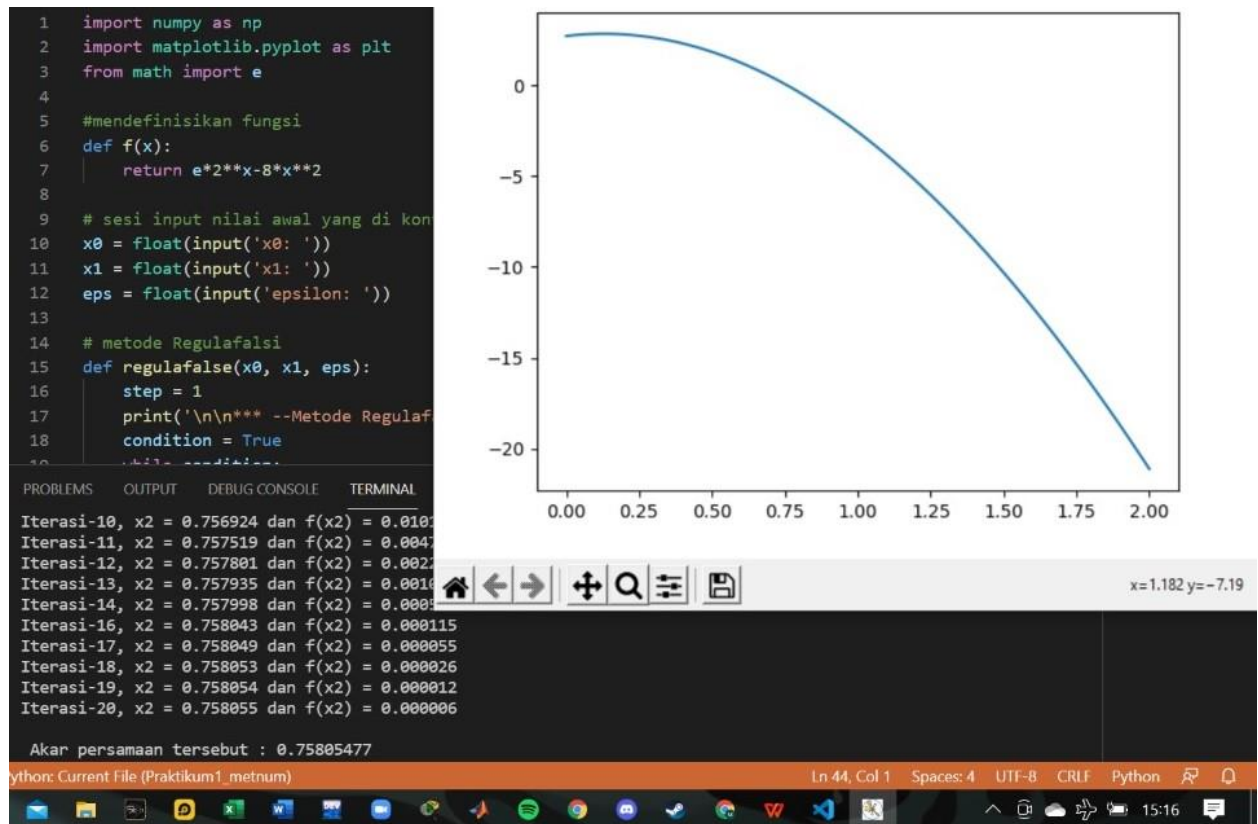
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PRAKTIKUM METODE NUMERIK

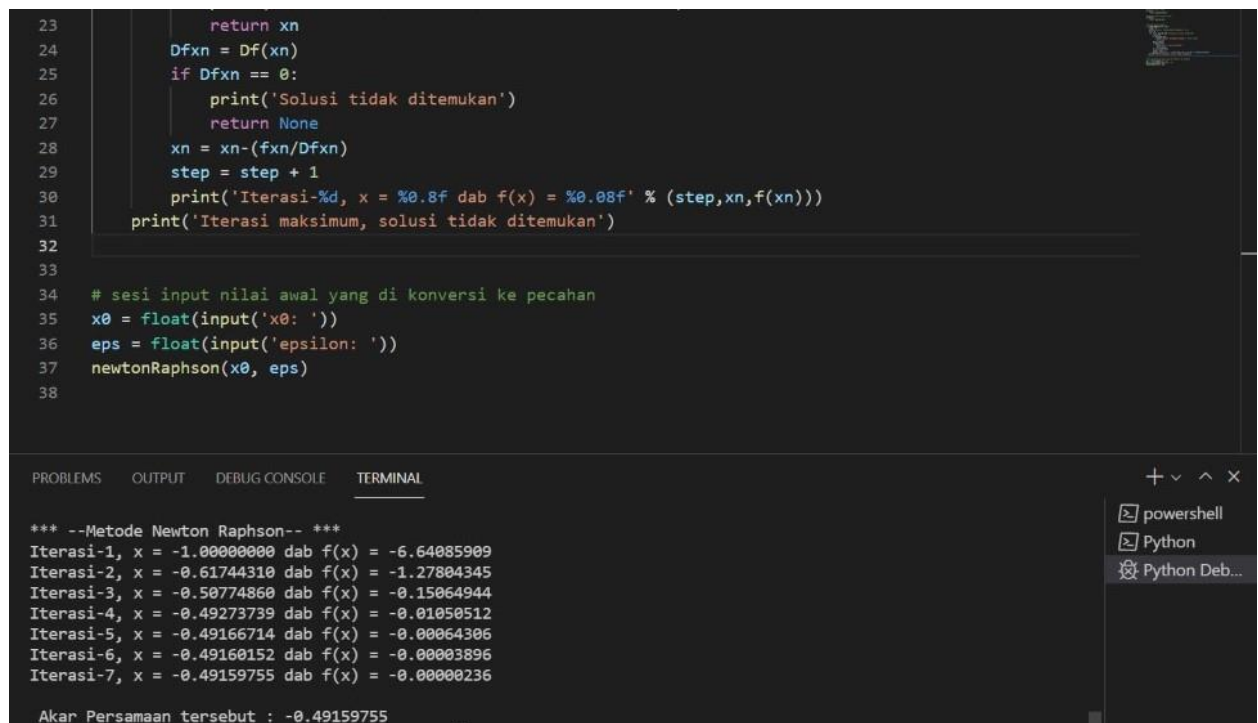
1.



2.



3.



4.

```
20     x1 = x2
21     step = step+1
22
23     if step > N:
24         print('Divergen')
25         break
26     condition = abs(f(x2)) > eps
27     print('\n Akar persamaan tersebut : %.8f' % x2)
28
29
30 # sesi input nilai awal yang di konversi ke pecahan
31 x0 = float(input('x0: '))
32 x1 = float(input('x1: '))
33 N = int(input('Max Iter: '))
34 eps = float(input('epsilon: '))
35 Secant(x0,x1, eps)
36
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL

epsilon: 0.00001
Iterasi-1, x = 0.22799448 dan f(x) = 2.76781531
Iterasi-2, x = 0.43325282 dan f(x) = 2.16876282
Iterasi-3, x = 1.17635408 dan f(x) = -4.92702113
Iterasi-4, x = 0.66037507 dan f(x) = 0.80746482
Iterasi-5, x = 0.73302934 dan f(x) = 0.21946951
Iterasi-6, x = 0.76014758 dan f(x) = -0.01873902
Iterasi-7, x = 0.75801428 dan f(x) = 0.00036785
Iterasi-8, x = 0.75805535 dan f(x) = 0.00000059

Akar persamaan tersebut : 0.75805535

powershell
Python
Python Deb...