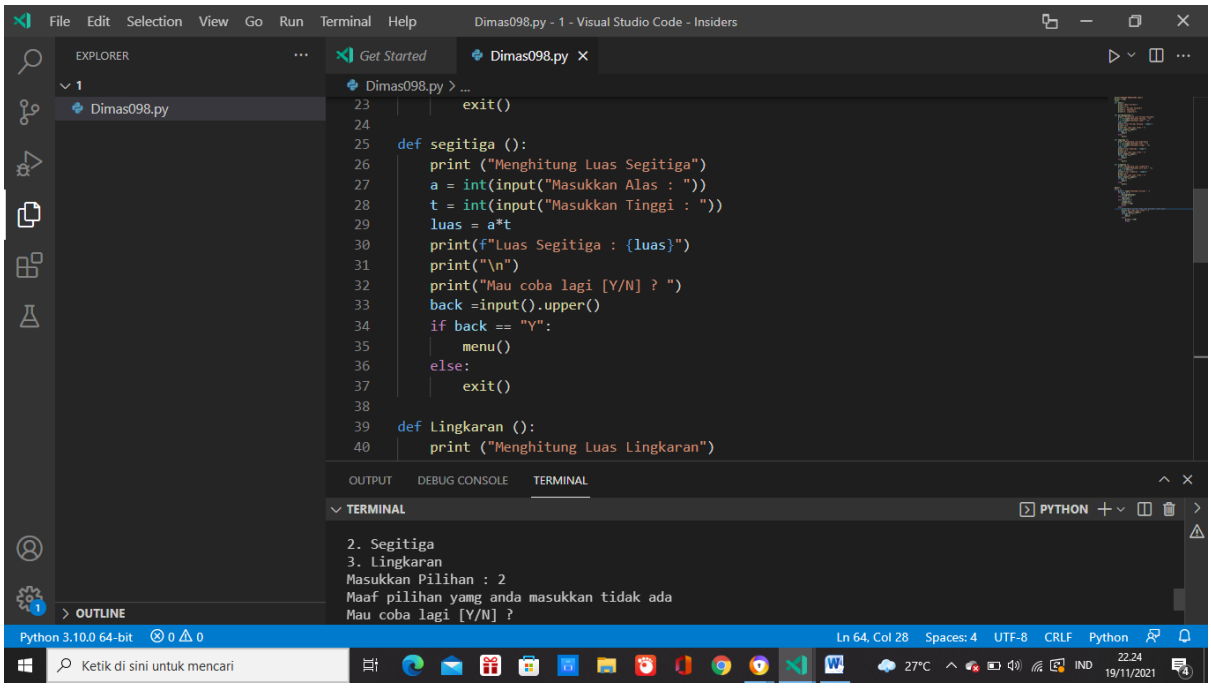
Nama : M.Dimas Sakti Maulana

NIM : 20.01.013.037

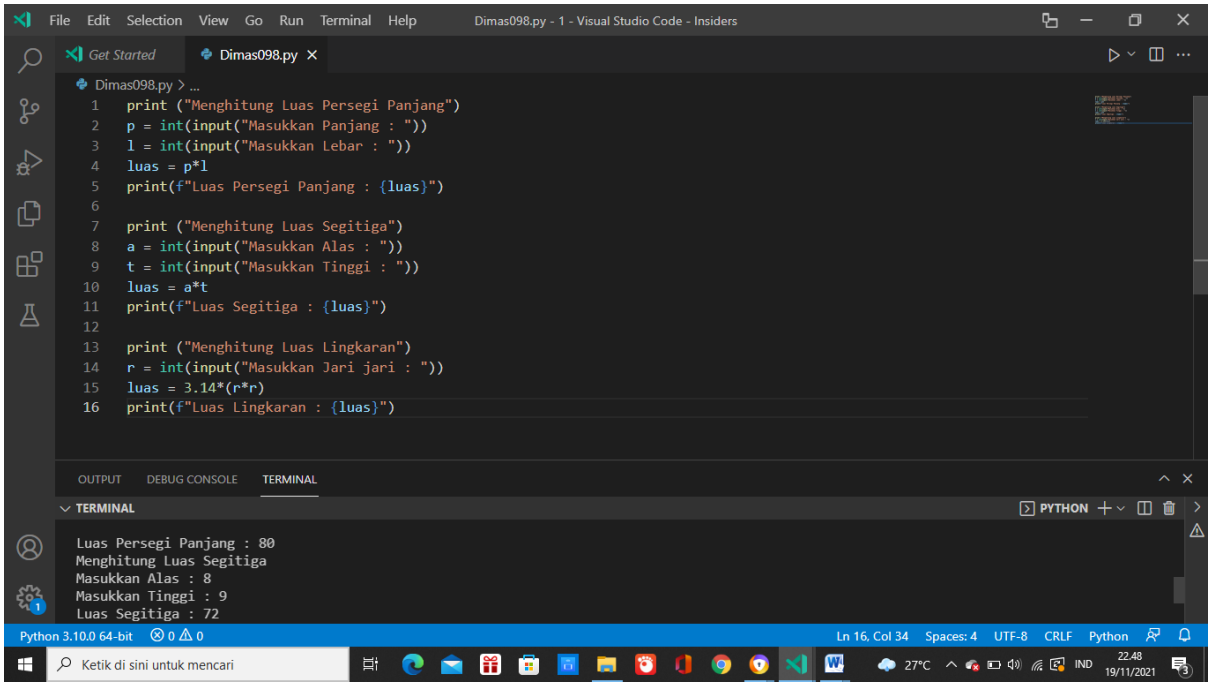
Matkul : Artificial Intelligence

Python V

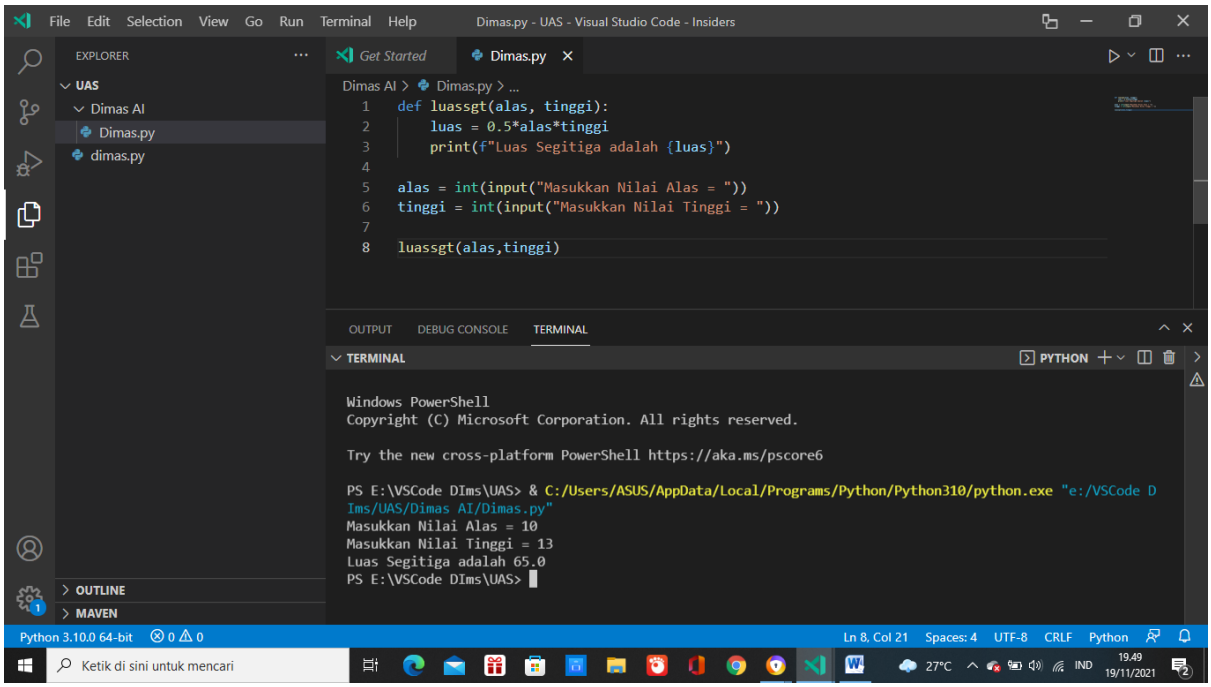
1.



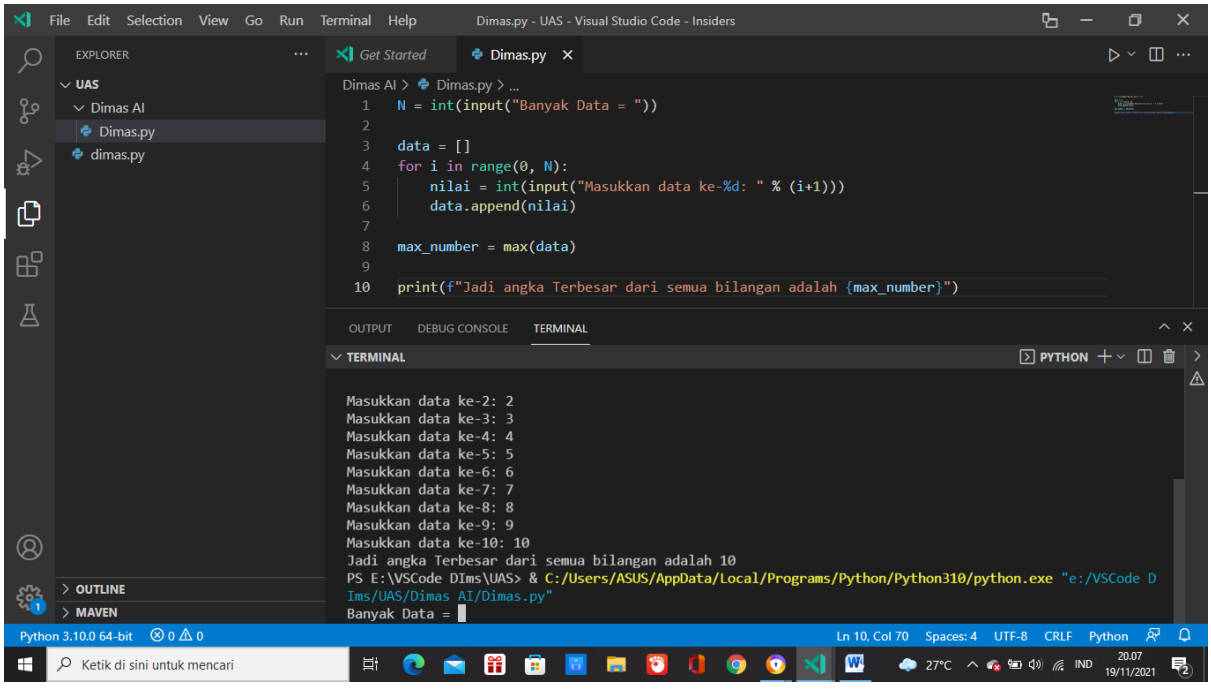
2.



3.

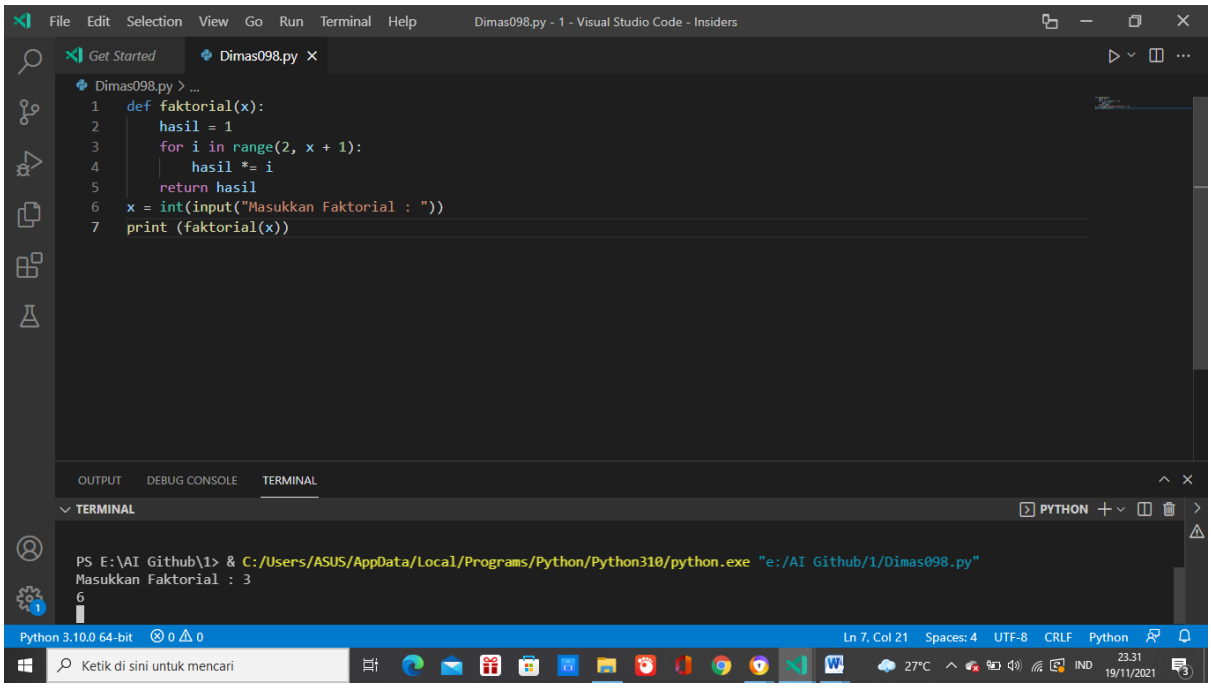

File Edit Selection View Go Run Terminal Help
Dimas.py - UAS - Visual Studio Code - Insiders
EXPLORER
UAS
Dimas AI
Dimas.py
dimas.py
Get Started
Dimas.py
Dimas AI > Dimas.py > ...
1 def luassgt(alas, tinggi):
2 luas = 0.5*alas*tinggi
3 print(f"Luas Segitiga adalah {luas}")
4
5 alas = int(input("Masukkan Nilai Alas = "))
6 tinggi = int(input("Masukkan Nilai Tinggi = "))
7
8 luassgt(alas,tinggi)
OUTPUT DEBUG CONSOLE TERMINAL
TERMINAL
PYTHON
Windows PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.
Try the new cross-platform PowerShell https://aka.ms/pscore6
PS E:\VSCode DIms\UAS> & C:/Users/ASUS/AppData/Local/Programs/Python/Python310/python.exe "e:/VSCode DIms/UAS/Dimas AI/Dimas.py"
Masukkan Nilai Alas = 10
Masukkan Nilai Tinggi = 13
Luas Segitiga adalah 65.0
PS E:\VSCode DIms\UAS>
OUTLINE
MAVEN
Python 3.10.0 64-bit
Ln 8, Col 21 Spaces: 4 UTF-8 CRLF Python
Ketik di sini untuk mencari
27°C IND 19.49 19/11/2021

4.

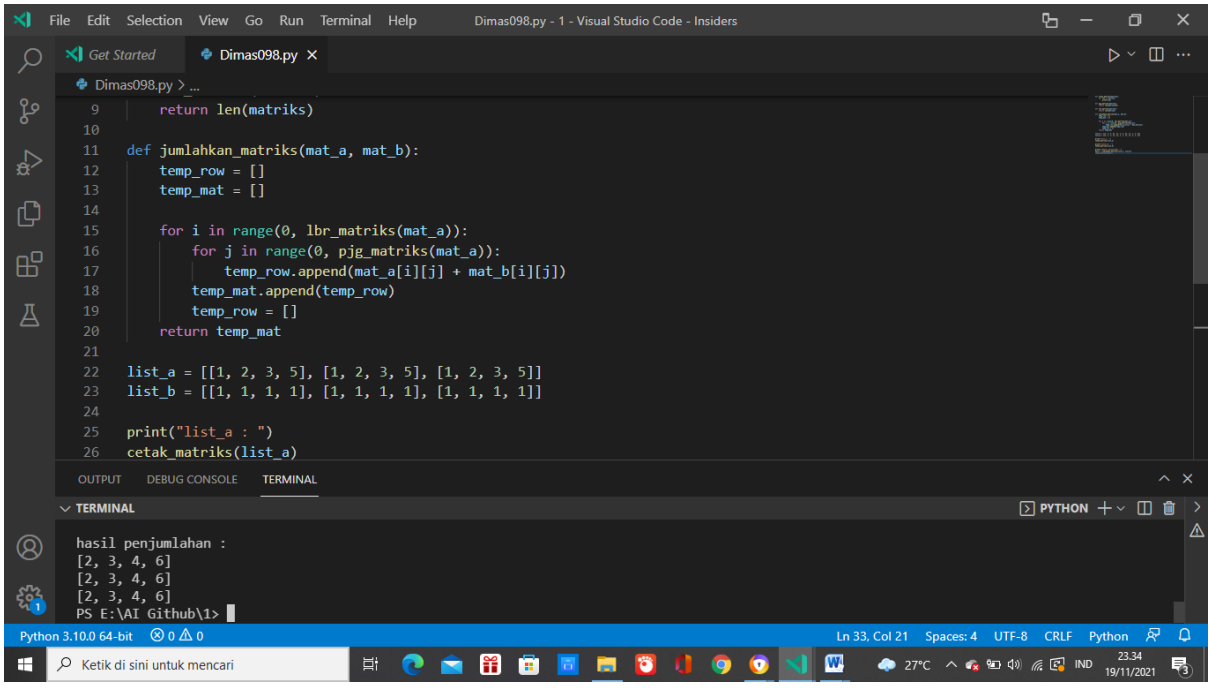

File Edit Selection View Go Run Terminal Help
Dimas.py - UAS - Visual Studio Code - Insiders
EXPLORER
UAS
Dimas AI
Dimas.py
dimas.py
Get Started
Dimas.py
Dimas AI > Dimas.py > ...
1 N = int(input("Banyak Data = "))
2
3 data = []
4 for i in range(0, N):
5 nilai = int(input("Masukkan data ke-%d: " % (i+1)))
6 data.append(nilai)
7
8 max_number = max(data)
9
10 print(f"Jadi angka Terbesar dari semua bilangan adalah {max_number}")
OUTPUT DEBUG CONSOLE TERMINAL
TERMINAL
PYTHON
Masukkan data ke-2: 2
Masukkan data ke-3: 3
Masukkan data ke-4: 4
Masukkan data ke-5: 5
Masukkan data ke-6: 6
Masukkan data ke-7: 7
Masukkan data ke-8: 8
Masukkan data ke-9: 9
Masukkan data ke-10: 10
Jadi angka Terbesar dari semua bilangan adalah 10
PS E:\VSCode DIms\UAS> & C:/Users/ASUS/AppData/Local/Programs/Python/Python310/python.exe "e:/VSCode DIms/UAS/Dimas AI/Dimas.py"
Banyak Data =
OUTLINE
MAVEN
Python 3.10.0 64-bit
Ln 10, Col 70 Spaces: 4 UTF-8 CRLF Python
Ketik di sini untuk mencari
27°C IND 20.07 19/11/2021

5.

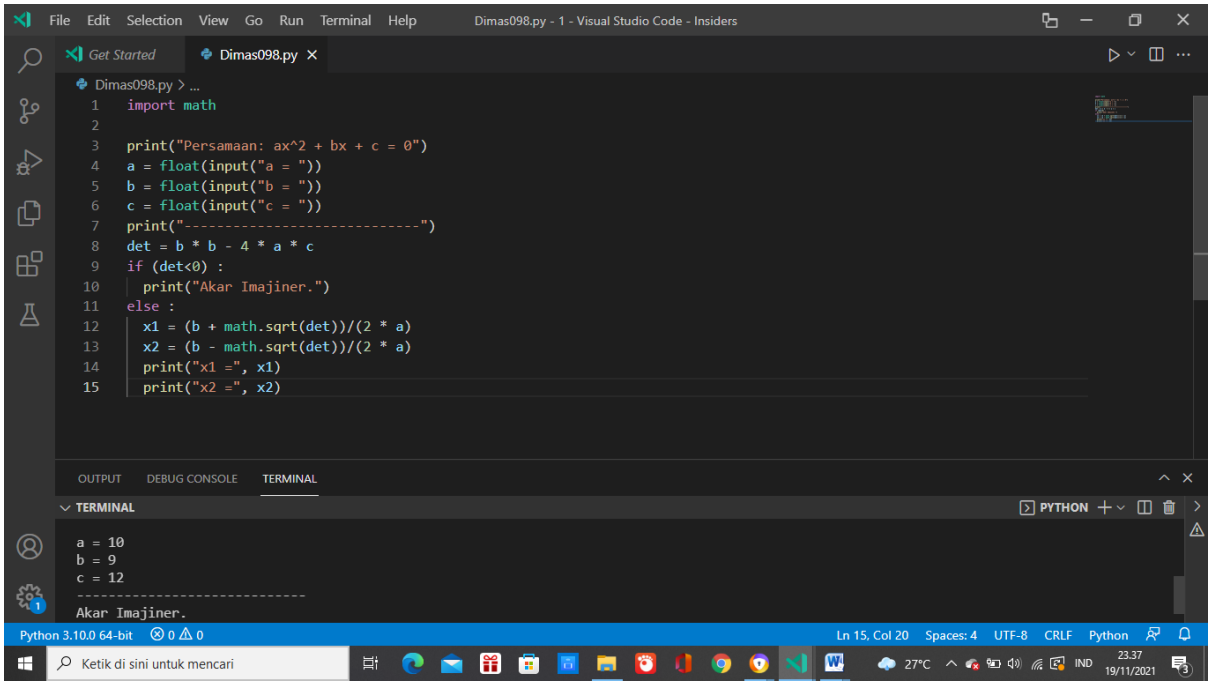
6.


File Edit Selection View Go Run Terminal Help
Dimas098.py - 1 - Visual Studio Code - Insiders
Get Started
Dimas098.py
Dimas098.py > ...
1 def faktorial(x):
2 hasil = 1
3 for i in range(2, x + 1):
4 hasil *= i
5 return hasil
6 x = int(input("Masukkan Faktorial : "))
7 print (faktorial(x))
OUTPUT DEBUG CONSOLE TERMINAL
TERMINAL
PYTHON
PS E:\AI Github\1> & C:/Users/ASUS/AppData/Local/Programs/Python/Python310/python.exe "e:/AI Github/1/Dimas098.py"
Masukkan Faktorial : 3
6
Python 3.10.0 64-bit
Ln 7, Col 21 Spaces: 4 UTF-8 CRLF Python
Ketik di sini untuk mencari
27°C IND 23.31 19/11/2021

7.

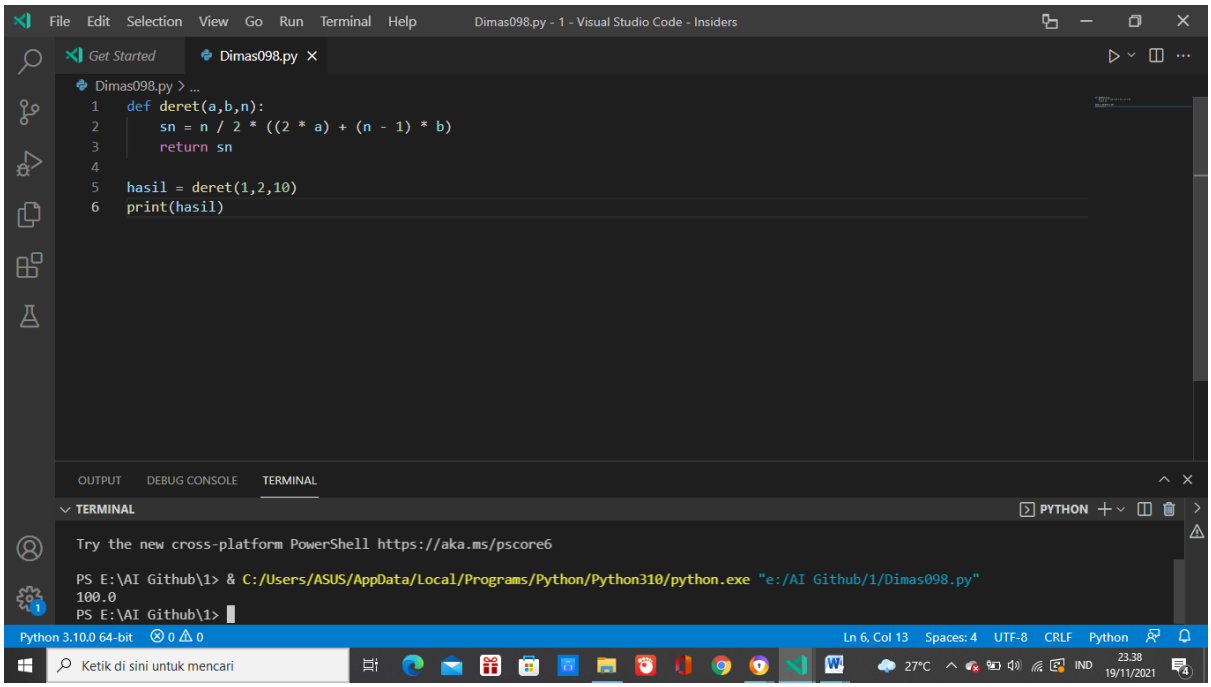

File Edit Selection View Go Run Terminal Help
Dimas098.py - 1 - Visual Studio Code - Insiders
Get Started
Dimas098.py
Dimas098.py > ...
9 return len(matriks)
10
11 def jumlahkan_matriks(mat_a, mat_b):
12 temp_row = []
13 temp_mat = []
14
15 for i in range(0, lbr_matriks(mat_a)):
16 for j in range(0, pjg_matriks(mat_a)):
17 temp_row.append(mat_a[i][j] + mat_b[i][j])
18 temp_mat.append(temp_row)
19 temp_row = []
20 return temp_mat
21
22 list_a = [[1, 2, 3, 5], [1, 2, 3, 5], [1, 2, 3, 5]]
23 list_b = [[1, 1, 1, 1], [1, 1, 1, 1], [1, 1, 1, 1]]
24
25 print("list_a : ")
26 cetak_matriks(list_a)
OUTPUT DEBUG CONSOLE TERMINAL
TERMINAL
PYTHON
hasil penjumlahan :
[2, 3, 4, 6]
[2, 3, 4, 6]
[2, 3, 4, 6]
PS E:\AI Github\1>
Python 3.10.0 64-bit
Ln 33, Col 21 Spaces: 4 UTF-8 CRLF Python
Ketik di sini untuk mencari
27°C IND 23.34 19/11/2021

8.


File Edit Selection View Go Run Terminal Help
Dimas098.py - 1 - Visual Studio Code - Insiders
Get Started
Dimas098.py
Dimas098.py > ...
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 :
12 x1 = (b + math.sqrt(det))/(2 * a)
13 x2 = (b - math.sqrt(det))/(2 * a)
14 print("x1 =", x1)
15 print("x2 =", x2)
OUTPUT DEBUG CONSOLE TERMINAL
TERMINAL
PYTHON
a = 10
b = 9
c = 12

Akar Imajiner.
Python 3.10.0 64-bit
Ln 15, Col 20 Spaces: 4 UTF-8 CRLF Python
Ketik di sini untuk mencari
27°C
IND
23.37
19/11/2021

9.


File Edit Selection View Go Run Terminal Help
Dimas098.py - 1 - Visual Studio Code - Insiders
Get Started
Dimas098.py
Dimas098.py > ...
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)
OUTPUT DEBUG CONSOLE TERMINAL
TERMINAL
PYTHON
Try the new cross-platform PowerShell https://aka.ms/pscore6
PS E:\AI Github\1> & C:/Users/ASUS/AppData/Local/Programs/Python/Python310/python.exe "e:/AI Github/1/Dimas098.py"
100.0
PS E:\AI Github\1>
Python 3.10.0 64-bit
Ln 6, Col 13 Spaces: 4 UTF-8 CRLF Python
Ketik di sini untuk mencari
27°C
IND
23.38
19/11/2021