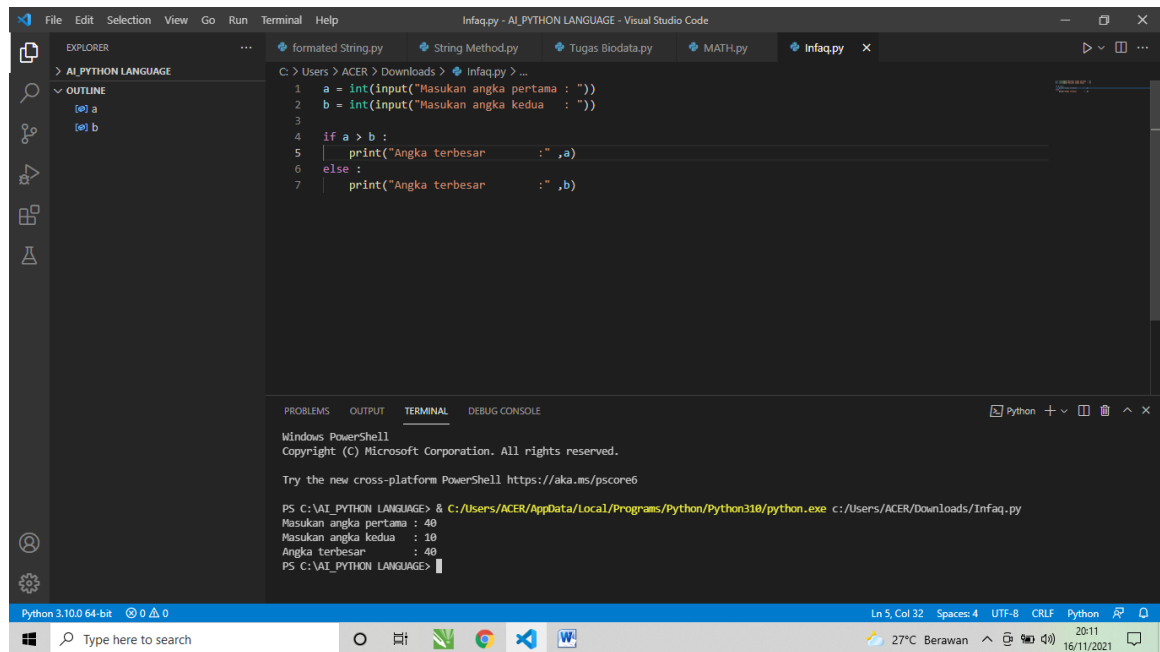


Nama: Ade Lilis Aprianti

Nim: 20.01.013.048

Kelas: AI-B

1.



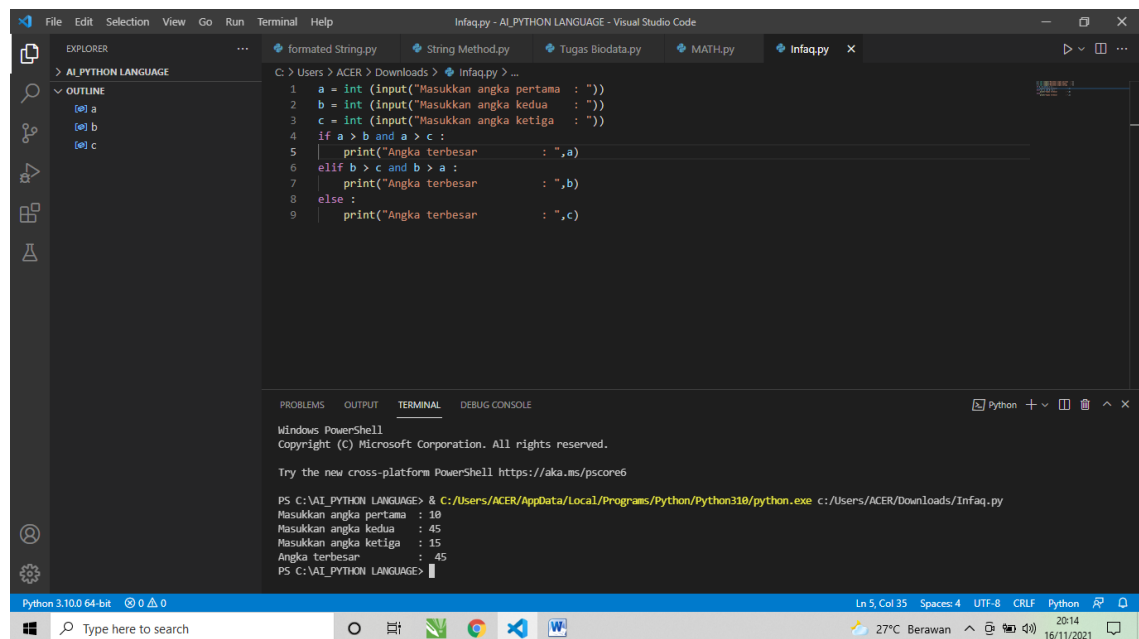
The screenshot shows the Visual Studio Code interface with a Python file named 'Infaq.py'. The code is as follows:

```
1 a = int(input("Masukkan angka pertama : "))
2 b = int(input("Masukkan angka kedua : "))
3
4 if a > b :
5     print("Angka terbesar : ",a)
6 else :
7     print("Angka terbesar : ",b)
```

The terminal output shows the execution of the script:

```
PS C:\AI_PYTHON LANGUAGE> & C:/Users/ACER/AppData/Local/Programs/Python/Python310/python.exe c:/Users/ACER/Downloads/Infaq.py
Masukkan angka pertama : 40
Masukkan angka kedua : 10
Angka terbesar : 40
PS C:\AI_PYTHON LANGUAGE>
```

2.



The screenshot shows the Visual Studio Code interface with a Python file named 'Infaq.py'. The code is as follows:

```
1 a = int(input("Masukkan angka pertama : "))
2 b = int(input("Masukkan angka kedua : "))
3 c = int(input("Masukkan angka ketiga : "))
4 if a > b and a > c :
5     print("Angka terbesar : ",a)
6 elif b > c and b > a :
7     print("Angka terbesar : ",b)
8 else :
9     print("Angka terbesar : ",c)
```

The terminal output shows the execution of the script:

```
PS C:\AI_PYTHON LANGUAGE> & C:/Users/ACER/AppData/Local/Programs/Python/Python310/python.exe c:/Users/ACER/Downloads/Infaq.py
Masukkan angka pertama : 10
Masukkan angka kedua : 45
Masukkan angka ketiga : 15
Angka terbesar : 45
PS C:\AI_PYTHON LANGUAGE>
```

The image shows a Windows 10 desktop environment. The primary focus is the Visual Studio Code (VS Code) application, which is open and displaying a Python script named 'Infapy.py'. The script is located in the 'Downloads' folder and contains logic to find the maximum of three input numbers. The VS Code interface includes a sidebar on the left with 'EXPLORER' and 'OUTLINE' views, and a bottom panel with 'PROBLEMS', 'OUTPUT', 'TERMINAL', and 'DEBUG CONSOLE' tabs. The 'TERMINAL' tab is active, showing the execution of the script using the Python 3.10.0 interpreter. The output of the script is visible in the terminal, showing three input prompts and the resulting maximum value. The Windows taskbar at the bottom features the Start button, a search bar, and several pinned applications: Edge, File Explorer, VS Code, and a utility icon. The system tray on the right side of the taskbar displays the current time as 20:36 and the date as 16/11/2021.

Visual Studio Code Interface:

- File Explorer:** Shows the project structure with folders 'AI_PYTHON LANGUAGE' and 'OUTLINE'.
- Editor:** Displays the Python script 'Infapy.py' with the following code:


```
C: > Users > ACER > Downloads > Infapy.py > ...
1 a = int(input("Masukkan angka pertama : "))
2 b = int(input("Masukkan angka kedua : "))
3 c = int(input("Masukkan angka ketiga : "))
4
5 if a == b :
6     print("Angka yang sama : ",a)
7 elif a == c :
8     print("Angka yang sama : ",a)
9 elif b == c :
10    print("Angka yang sama : ",b)
11 else :
12    print("Angka ada nilai yang sama")
```
- Terminal:** Shows the command prompt output:


```
PS C:\AI_PYTHON LANGUAGE> & C:/Users/ACER/AppData/Local/Programs/Python/Python310/python.exe c:/Users/ACER/Downloads/Infapy.py
Masukkan angka pertama : 20
Masukkan angka kedua : 77
Masukkan angka ketiga : 20
Angka yang sama : 20
PS C:\AI_PYTHON LANGUAGE>
```

Windows Taskbar:

- Search Bar:** Type here to search.
- Pinned Applications:** Edge, File Explorer, VS Code, and a utility icon.
- System Tray:** Displays the date and time as 20:36 on 16/11/2021.

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

- Explorer Panel:** Displays the file structure with folders for `AI_PYTHON LANGUAGE` and `OUTLINE`. The `OUTLINE` panel lists variables: `nama`, `Tinggi`, and `bb`.
- Editor Panel:** Shows the `Infreq.py` file with the following Python code:


```
1 nama = input("Nama Anda : ")
2 Tinggi = int(input("Tinggi : "))
3
4 bb = Tinggi - 100
5 print(f"saudara,{nama} + ", brat badan ideal anda adalah ", bb,"kg")
```
- Terminal Panel:** Displays the output of the script execution:


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

Try the new cross-platform PowerShell https://aka.ms/powershell

PS C:\AI_PYTHON LANGUAGE> C:\Users\ACER\AppData\Local\Programs\Python\Python310\python.exe c:/Users/ACER/Downloads/Infreq.py
Nama Anda : Udin
Tinggi : 171
saudara Udin, brat badan ideal anda adalah 71 kg
PS C:\AI_PYTHON LANGUAGE>
```
- Status Bar:** Indicates the Python version as 3.10.0 64-bit, with 0 errors and 0 warnings.
- Taskbar:** Shows the system clock at 20:21 on 16/11/2021, along with weather information (27°C Berawan) and various system icons.

5.

```

1 print("DATA NILAI MAHASISWA".center(50))
2 print("")
3 nama = input("    Nama : ")
4 tugas = int(input("    Tugas : "))
5 UTS = int(input("    UTS : "))
6 UAS = int(input("    UAS : "))
7 print("")
8
9 NA = 25/100 * tugas + 35/100 * UTS + 40/100 * UAS
10
11 if NA >= 75 :
12     grade = 'A'
13 elif NA < 75 :
14     grade = 'B'
15 elif NA < 60 :
16     grade = 'C'
17 else :
18     grade = 'D'
19
20 print("\n")
21 print("NILAI AKHIR DAN GRADE".center(50))
22 print("")
23
24 print("    Nama      :", nama)
25 print("    Nilai Akhir :", NA)
26 print("    Grade      :", grade)
27 print("")

```

Outputnya:

```

PS C:\AI_PYTHON LANGUAGE> & C:/Users/ACER/AppData/Local/Programs/Python/Python310/python.exe c:/Users/ACER/Downloads/Infaiq.py
DATA NILAI MAHASISWA

Nama : Udin
Tugas : 90
UTS : 78
UAS : 87

NILAI AKHIR DAN GRADE

Nama      : Udin
Nilai Akhir : 84.6
Grade      : A

PS C:\AI_PYTHON LANGUAGE>

```

6.

```

1  nama = input("Nama      : ")
2  gol = input("Golongan  : ")
3  jaker = int(input("Total Jam Kerja : "))
4  gapokA = 500000
5  tjtA = 10/100 * gapokA
6  lmrA = 5000
7  gapokB = 700000
8  tjtB = 15/100 * gapokB
9  lmrB = 7500
10 gapokC = 900000
11 tjtC = 20/100 * gapokC
12 lmrC = 10000
13
14 if gol == 'A' :
15     lmr = jaker - 200
16     lmr = lmr * lmrA
17     gaji = gapokA + tjtA + lmr
18
19     print("DATA PEGAWAI".center(50))
20     print("____")
21     print("Nama      :",nama)
22     print("Golongan  :",gol)
23     print("Total Jam Kerja :",jaker)
24     print("____")
25     print("\n")
26     print("PERHITUNGAN GAJI".center(50))
27     print("____")
28     print("Gaji Pokok      :",gapokA)
29     print("Tunjangan       :",tjtA)
30     print("Lembur          :",lmr)
31     print("____")
32     print("Total           :",gaji)
33

```

```

34 elif gol == 'B' :
35     lmr = jaker - 200
36     lmr = lmr * lmrB
37     gaji = gapokA + tjtB + lmr
38
39     print("DATA PEGAWAI".center(50))
40     print("____")
41     print("Nama      :",nama)
42     print("Golongan  :",gol)
43     print("Total Jam Kerja :",jaker)
44     print("____")
45     print("\n")
46     print("PERHITUNGAN GAJI".center(50))
47     print("____")
48     print("Gaji Pokok      :",gapokA)
49     print("Tunjangan       :",tjtA)
50     print("Lembur          :",lmr)
51     print("____")
52     print("Total           :",gaji)
53
54 elif gol == 'C' :
55     lmr = jaker - 200
56     lmr = lmr * lmrC
57     gaji = gapokA + tjtC + lmr
58
59     print("DATA PEGAWAI".center(50))
60     print("____")
61     print("Nama      :",nama)
62     print("Golongan  :",gol)
63     print("Total Jam Kerja :",jaker)
64     print("____")
65     print("\n")
66     print("PERHITUNGAN GAJI".center(50))
67

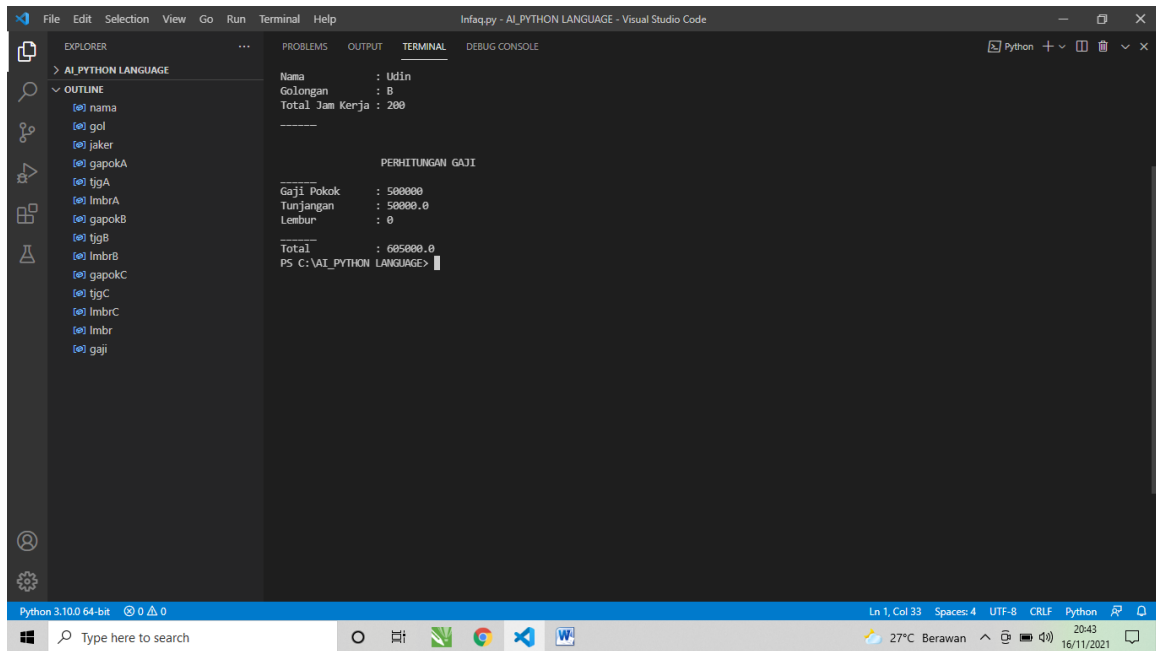
```

```

68 elif gol == 'C' :
69     lmr = jaker - 200
70     lmr = lmr * lmrC
71     gaji = gapokA + tjtC + lmr
72
73     print("DATA PEGAWAI".center(50))
74     print("____")
75     print("Nama      :",nama)
76     print("Golongan  :",gol)
77     print("Total Jam Kerja :",jaker)
78     print("____")
79     print("\n")
80     print("PERHITUNGAN GAJI".center(50))
81

```

Outputnya:



```
File Edit Selection View Go Run Terminal Help
Infapy - AI_PYTHON LANGUAGE - Visual Studio Code

EXPLORER
> AI_PYTHON LANGUAGE
  OUTLINE
  [0] nama
  [0] gol
  [0] jaker
  [0] gapokA
  [0] tggA
  [0] ImbrA
  [0] gapokB
  [0] tggB
  [0] ImbrB
  [0] gapokC
  [0] tggC
  [0] ImbrC
  [0] Imbr
  [0] gaji

PROBLEMS OUTPUT TERMINAL DEBUG CONSOLE

Nama      : Udin
Golongan  : B
Total Jam Kerja : 200

PERHITUNGAN GAJI
Gaji Pokok      : 500000
Tunjangan       : 50000.0
Lembur          : 0
Total           : 605000.0
PS C:\AI_PYTHON LANGUAGE>
```

Ln 1, Col 33 Spaces: 4 UTF-8 CRLF Python 20:43 16/11/2021