

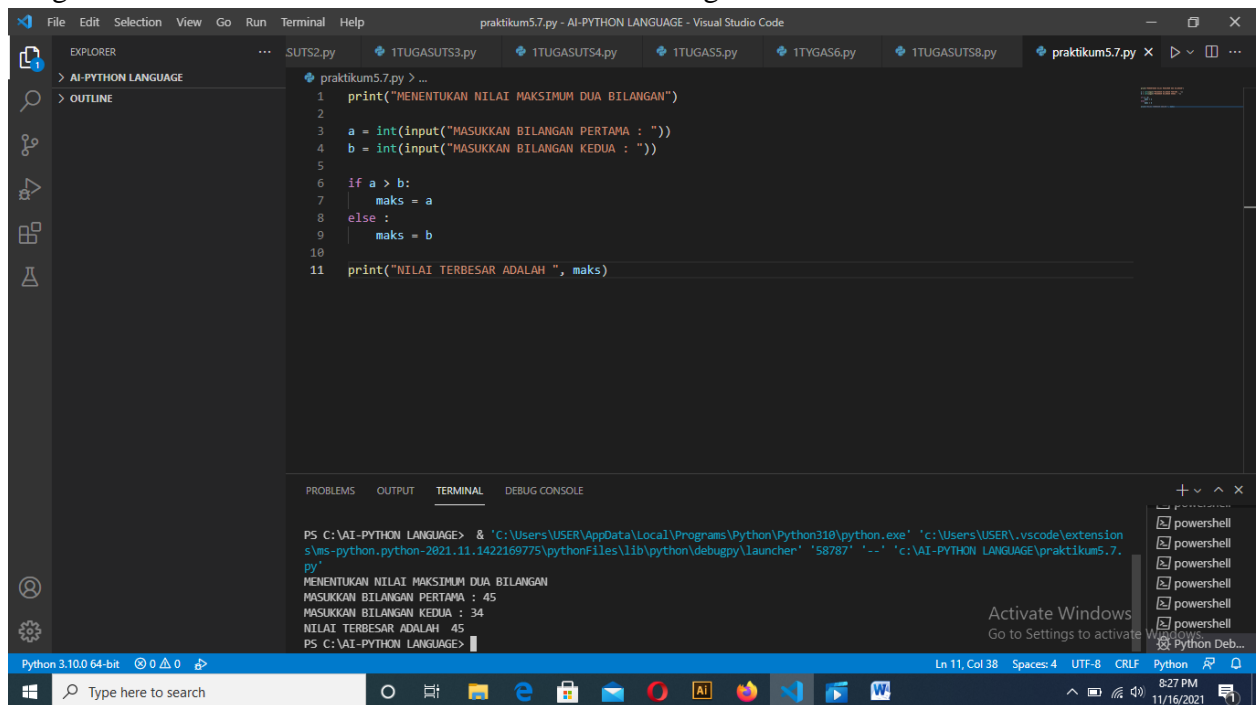
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NIM : 20.01.013.008

KELAS : Kcerdasan Buatan /3B

## PRAKTIKUM 2

### 1. Program Mencari Nilai Terbesar Dari Dua Buah Bilangan



The screenshot displays the Visual Studio Code interface with a Python file named `praktikum5.7.py` open. The code is as follows:

```
1 print("MENENTUKAN NILAI MAKSIMUM DUA BILANGAN")
2
3 a = int(input("MASUKKAN BILANGAN PERTAMA : "))
4 b = int(input("MASUKKAN BILANGAN KEDUA : "))
5
6 if a > b:
7     maks = a
8 else:
9     maks = b
10
11 print("NILAI TERBESAR ADALAH ", maks)
```

The terminal window at the bottom shows the execution of the program:

```
PS C:\VAI-PYTHON LANGUAGE> & 'C:\Users\USER\AppData\Local\Programs\Python\Python310\python.exe' 'c:\Users\USER\.vscode\extension
s\ms-python.python-2021.11.1422169775\pythonFiles\lib\python\debugpy\launcher' '58787' '--' 'c:\VAI-PYTHON LANGUAGE\praktikum5.7.
py'
MENENTUKAN NILAI MAKSIMUM DUA BILANGAN
MASUKKAN BILANGAN PERTAMA : 45
MASUKKAN BILANGAN KEDUA : 34
NILAI TERBESAR ADALAH 45
PS C:\VAI-PYTHON LANGUAGE>
```

The status bar at the bottom indicates the file is at line 11, column 38, using UTF-8 encoding with CRLF line endings. The taskbar shows the system time as 8:27 PM on 11/16/2021.

### 2. Program Mencari Nilai Terbesar Dari Tiga Buah Bilangan

The screenshot shows the Visual Studio Code interface with a Python file named `praktikum5.7no2.py` open. The code is as follows:

```
1 print("MENENTUKAN NILAI MAKSIMUM TIGA BILANGAN")
2
3 a = int(input("MASUKKAN BILANGAN PERTAMA : "))
4 b = int(input("MASUKKAN BILANGAN KEDUA : "))
5 c = int(input("MASUKKAN BILANGAN KETIGA : "))
6
7 if a > b and a > c:
8     maks = a
9 elif b > a and b > c:
10    maks = b
11 else:
12    maks = c
13
14 print("NILAI TERBESAR ADALAH ", maks)
```

The terminal output shows the execution of the program with the following input and output:

```
PS C:\VAI-PYTHON LANGUAGE> c:\cd 'c:\VAI-PYTHON LANGUAGE'; & 'C:\Users\USER\AppData\Local\Programs\Python\Python310\python.exe'
'c:\Users\USER\.vscode\extensions\ms-python.python-2021.11.1422169775\pythonFiles\AI-PYTHON LANGUAGE\praktikum5.7no2.py'
MENENTUKAN NILAI MAKSIMUM TIGA BILANGAN
MASUKKAN BILANGAN PERTAMA : 25
MASUKKAN BILANGAN KEDUA : 34
MASUKKAN BILANGAN KETIGA : 76
NILAI TERBESAR ADALAH 76
PS C:\VAI-PYTHON LANGUAGE>
```

A notification at the bottom right indicates a failed save operation for `user.txt` and prompts the user to activate Windows.

### 3. Program Mencari Bilangan Yang Sama

The screenshot shows the Visual Studio Code interface with a Python file named `praktikum5.7no3.py` open. The code is as follows:

```
1 print("MENENTUKAN BILANGAN YANG SAMA")
2
3 a = int(input("MASUKKAN BILANGAN PERTAMA : "))
4 b = int(input("MASUKKAN BILANGAN KEDUA : "))
5 c = int(input("MASUKKAN BILANGAN KETIGA : "))
6
7 if a == b or a == c:
8     same = a
9     print("NILAI YANG SAMA ADALAH ", same)
10 elif b == a or b == c:
11     same = b
12     print("NILAI YANG SAMA ADALAH ", same)
13 else:
14     print("TIDAK ADA NILAI YANG SAMA")
```

The terminal output shows the execution of the program with the following input and output:

```
PS C:\VAI-PYTHON LANGUAGE> c:\cd 'c:\VAI-PYTHON LANGUAGE'; & 'C:\Users\USER\AppData\Local\Programs\Python\Python310\python.exe'
'c:\Users\USER\.vscode\extensions\ms-python.python-2021.11.1422169775\pythonFiles\AI-PYTHON LANGUAGE\praktikum5.7no3.py'
MENENTUKAN BILANGAN YANG SAMA
MASUKKAN BILANGAN PERTAMA : 35
MASUKKAN BILANGAN KEDUA : 64
MASUKKAN BILANGAN KETIGA : 35
NILAI YANG SAMA ADALAH 35
PS C:\VAI-PYTHON LANGUAGE>
```

A notification at the bottom right indicates a failed save operation for `user.txt` and prompts the user to activate Windows.

### 4. Program menghitung Berat Badan Ideal

The screenshot shows the Visual Studio Code interface with a Python file named `praktikum5.7no4.py` open. The code is as follows:

```
1 nama = input("Nama Anda : ")
2 tinggi = int(input("Tinggi : "))
3 ideal = tinggi - 100
4 print(f"Saudara {nama}, berat ideal anda adalah {ideal} kg")
```

The terminal at the bottom shows the execution of the program with the following output:

```
PS C:\VAI-PYTHON LANGUAGE>
Copyright (C) Microsoft Corporation. All rights reserved.
Try the new cross-platform PowerShell https://aka.ms/pscore6
PS C:\VAI-PYTHON LANGUAGE> & 'C:\Users\USER\AppData\Local\Programs\Python\Python310\
s\ms-python.python-2021.11.1422169775\pythonFiles\lib\python\debugpy\launcher' '584
04.py'
Nama Anda : magfira meilani putri
Tinggi : 160
Saudara magfira meilani putri, berat ideal anda adalah 60 kg
PS C:\VAI-PYTHON LANGUAGE>
```

A notification box in the bottom right corner indicates a failed save operation for `'user.bt'` and prompts the user to activate Windows.

## 5. Program menghitung Nilai Akhir Dan Grade

The screenshot shows the Visual Studio Code interface with a Python file named `praktikum5.7no5.py` open. The code is as follows:

```
2 print(judul.rjust(50))
3 print("-"*70)
4 tugas = float(input("Masukkan Nilai Tugas = "))
5 UTS = int(input("Masukkan Nilai UTS = "))
6 UAS = int(input("Masukkan Nilai UAS = "))
7
8 NA = (0.25 * tugas) + (0.35 * UTS) + (0.40 * UAS)
9 print("-"*70)
10 judul = "NILAI AKHIR DAN GRADE"
11 print(judul.rjust(50))
12 print("-"*70)
13 input("Nama = ")
14 print(f"{NA}")
15
16 if NA >= 75:
17     grade = 'A'
18 elif NA >= 60:
19     grade = 'B'
20 elif NA >= 45:
21     grade = 'C'
```

The terminal at the bottom shows the execution of the program with the following output:

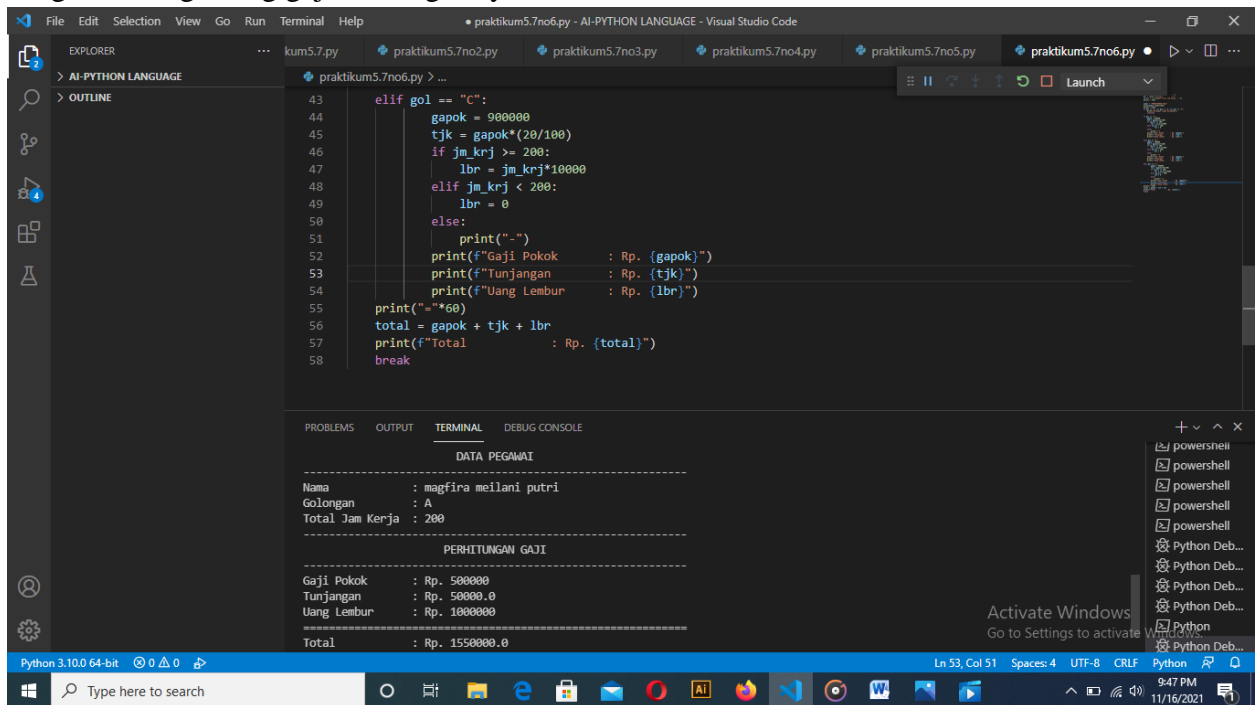
```
Masukkan Nilai Tugas = 80
Masukkan Nilai UTS = 90
Masukkan Nilai UAS = 95

NILAI AKHIR DAN GRADE

Nama = magfira meilani putri
80.5
Grade = A
PS C:\VAI-PYTHON LANGUAGE>
```

A notification box in the bottom right corner indicates a failed save operation for `'user.bt'` and prompts the user to activate Windows.

## 6. Program menghitung gaji seorang karyawan



```
43 elif gol == "C":
44     gapok = 900000
45     tjk = gapok*(20/100)
46     if jm_krj >= 200:
47         lbr = jm_krj*10000
48     elif jm_krj < 200:
49         lbr = 0
50     else:
51         print("-")
52     print(f"Gaji Pokok      : Rp. {gapok}")
53     print(f"Tunjangan         : Rp. {tjk}")
54     print(f"Uang Lembur        : Rp. {lbr}")
55     print("\n*60")
56     total = gapok + tjk + lbr
57     print(f"Total              : Rp. {total}")
58     break
```

DATA PEGAWAI

Nama : magfira meilani putri  
Golongan : A  
Total Jam Kerja : 200

PERHITUNGAN GAJI

Gaji Pokok : Rp. 900000  
Tunjangan : Rp. 180000.0  
Uang Lembur : Rp. 1000000  
Total : Rp. 1550000.0