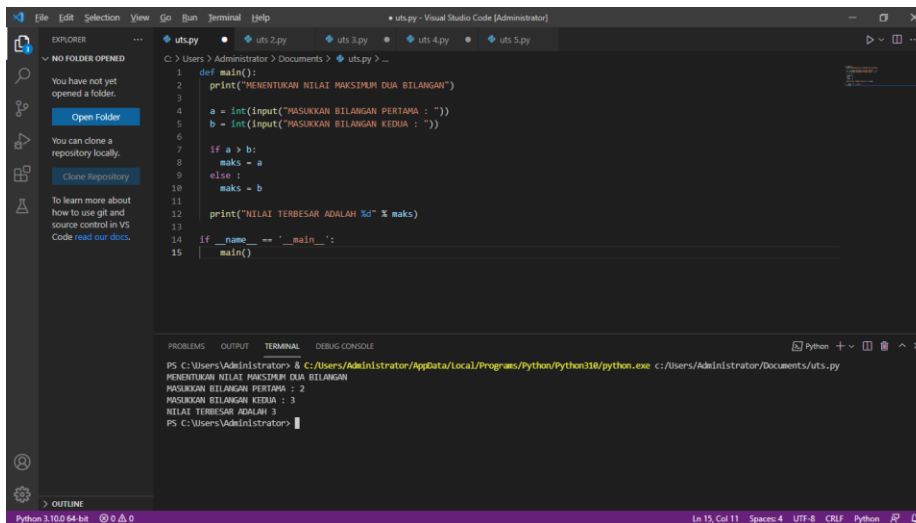


NAMA : Muhammad Fiqar Ramadhan

NIM : 20.01.013.034

KELAS : AI – B

1. PROGRAM Mencari Nilai Terbesar dari 2 Bilangan



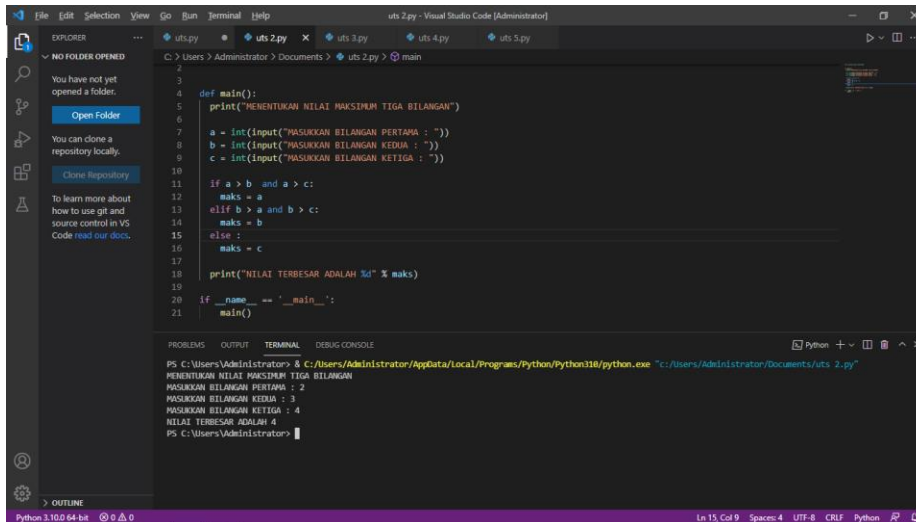
The screenshot shows the Visual Studio Code editor with a Python file named `uts.py`. The code is as follows:

```
1 def main():
2     print("MENENTUKAN NILAI MAKSIMUM DUA BILANGAN")
3
4     a = int(input("MASUKKAN BILANGAN PERTAMA : "))
5     b = int(input("MASUKKAN BILANGAN KEDUA : "))
6
7     if a > b:
8         maks = a
9     else:
10        maks = b
11
12    print("NILAI TERBESAR ADALAH %d" % maks)
13
14    if __name__ == '__main__':
15        main()
```

The terminal output shows the execution of the program:

```
PS C:\Users\Administrator> & C:\Users\Administrator\AppData\Local\Programs\Python\Python310\python.exe c:/Users/Administrator/Documents/uts.py
MENENTUKAN NILAI MAKSIMUM DUA BILANGAN
MASUKKAN BILANGAN PERTAMA : 2
MASUKKAN BILANGAN KEDUA : 3
NILAI TERBESAR ADALAH 3
PS C:\Users\Administrator>
```

2. PROGRAM Mencari Nilai Terbesar dari 3 Bilangan



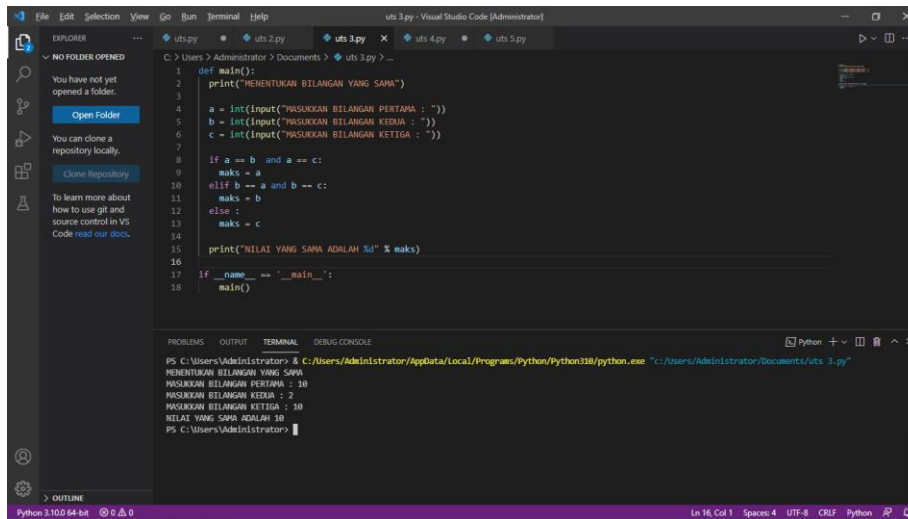
The screenshot shows the Visual Studio Code editor with a Python file named `uts 2.py`. The code is as follows:

```
1 def main():
2     print("MENENTUKAN NILAI MAKSIMUM TIGA BILANGAN")
3
4     a = int(input("MASUKKAN BILANGAN PERTAMA : "))
5     b = int(input("MASUKKAN BILANGAN KEDUA : "))
6     c = int(input("MASUKKAN BILANGAN KETIGA : "))
7
8     if a > b and a > c:
9         maks = a
10    elif b > a and b > c:
11        maks = b
12    else:
13        maks = c
14
15    print("NILAI TERBESAR ADALAH %d" % maks)
16
17    if __name__ == '__main__':
18        main()
```

The terminal output shows the execution of the program:

```
PS C:\Users\Administrator> & C:\Users\Administrator\AppData\Local\Programs\Python\Python310\python.exe "c:/Users/Administrator/Documents/uts 2.py"
MENENTUKAN NILAI MAKSIMUM TIGA BILANGAN
MASUKKAN BILANGAN PERTAMA : 2
MASUKKAN BILANGAN KEDUA : 3
MASUKKAN BILANGAN KETIGA : 4
NILAI TERBESAR ADALAH 4
PS C:\Users\Administrator>
```

3. PROGRAM MENCARI NILAI YANG SAMA

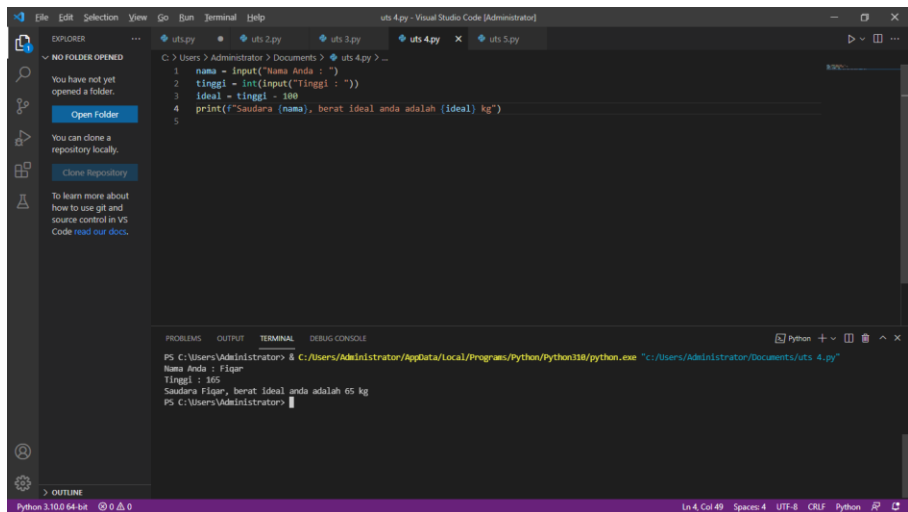


The screenshot shows a Visual Studio Code window with a Python file named 'uts 3.py'. The code is as follows:

```
1 def main():
2     print("MENENTUKAN BILANGAN YANG SAMA")
3
4     a = int(input("MASUKKAN BILANGAN PERTAMA : "))
5     b = int(input("MASUKKAN BILANGAN KEDUA : "))
6     c = int(input("MASUKKAN BILANGAN KETIGA : "))
7
8     if a == b and a == c:
9         maks = a
10    elif b == a and b == c:
11        maks = b
12    else:
13        maks = c
14
15    print("NILAI YANG SAMA ADALAH %d" % maks)
16
17 if __name__ == '__main__':
18     main()
```

The terminal output shows the program execution with inputs 10, 2, and 10, resulting in the output: "NILAI YANG SAMA ADALAH 10".

4. PROGRAM MENCARI BERAT IDEAL

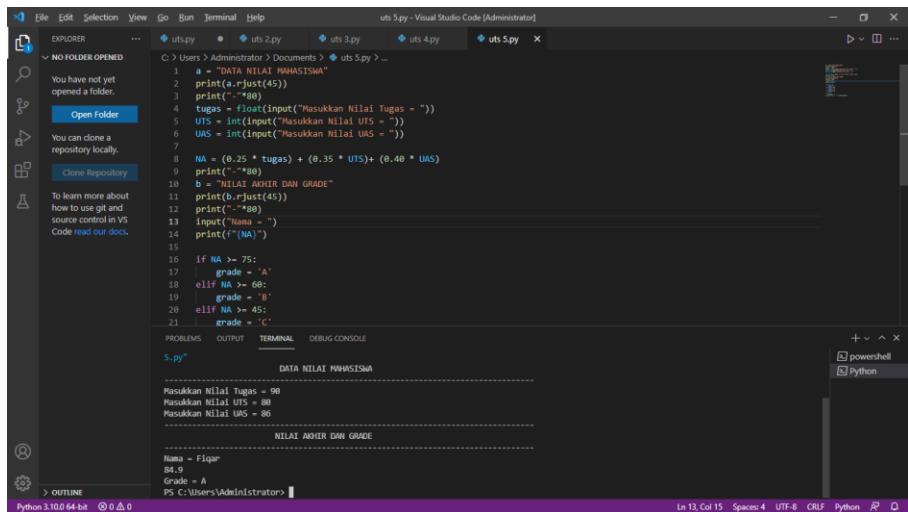


The screenshot shows a Visual Studio Code window with a Python file named 'uts 4.py'. The code is as follows:

```
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")
5
```

The terminal output shows the program execution with inputs "Fajar" and 165, resulting in the output: "Saudara Fajar, berat ideal anda adalah 16500 kg".

5. PROGRAM MENGHITUNG NILAI AKHIR DAN GRADE

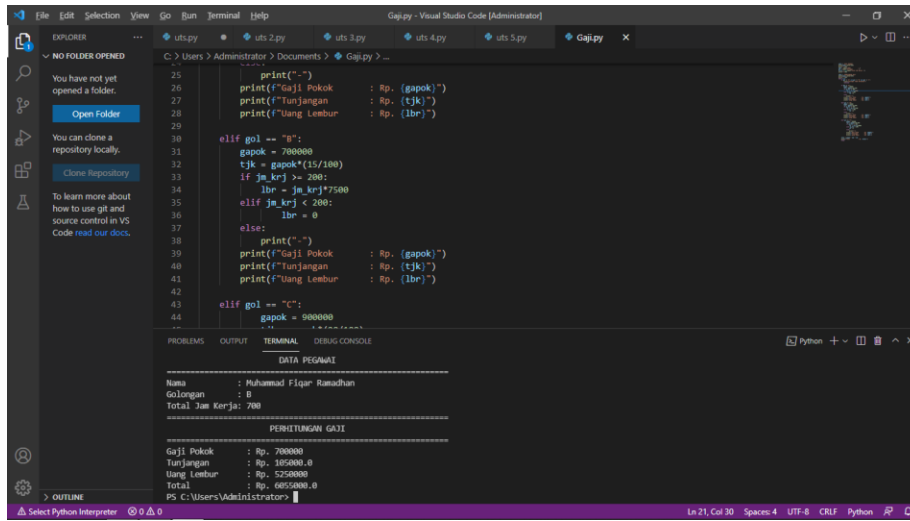


The screenshot shows a Visual Studio Code window with a Python file named 'uts 5.py'. The code is as follows:

```
1 a = "DATA NILAI MAHASISWA"
2 print(a.rjust(45))
3 print("-*80")
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("-*80")
10 b = "NILAI AKHIR DAN GRADE"
11 print(b.rjust(45))
12 print("-*80")
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 output shows the program execution with inputs 90, 80, and 85, resulting in the output: "NILAI AKHIR DAN GRADE" and "Grade = A".

6. PROGRAM GAJI PEGAWAI



```
25     print("-")
26     print(f"Gaji Pokok      : Rp. {gapok}")
27     print(f"Tunjangan       : Rp. {tjk}")
28     print(f"Uang Lembur      : Rp. {lbr}")
29
30
31 elif gol == "B":
32     gapok = 700000
33     tjk = gapok*(15/100)
34     if jm_krj >= 200:
35         lbr = jm_krj*7500
36     elif jm_krj < 200:
37         lbr = 0
38     else:
39         print("-")
40         print(f"Gaji Pokok      : Rp. {gapok}")
41         print(f"Tunjangan       : Rp. {tjk}")
42         print(f"Uang Lembur      : Rp. {lbr}")
43
44 elif gol == "C":
45     gapok = 900000
46     tjk = gapok*(15/100)
47     if jm_krj >= 200:
48         lbr = jm_krj*7500
49     elif jm_krj < 200:
50         lbr = 0
51     else:
52         print("-")
53         print(f"Gaji Pokok      : Rp. {gapok}")
54         print(f"Tunjangan       : Rp. {tjk}")
55         print(f"Uang Lembur      : Rp. {lbr}")
56
57 # Menampilkan hasil perhitungan gaji
58 print("\n=====")
59 print("DATA PEGAWAI")
60 print("Nama      : Muhammad Fiqar Ramadhan")
61 print("Golongan  : B")
62 print("Total Jam Kerja: 700")
63 print("=====")
64 print("PERHITUNGAN GAJI")
65 print("Gaji Pokok      : Rp. 700000")
66 print("Tunjangan       : Rp. 105000.0")
67 print("Uang Lembur     : Rp. 525000.0")
68 print("Total          : Rp. 605000.0")
69 print("=====")
70 print("PS C:\Users\Administrator>")
```

PROBLEMS OUTPUT TERMINAL DEBUG CONSOLE

DATA PEGAWAI

Nama : Muhammad Fiqar Ramadhan
Golongan : B
Total Jam Kerja: 700

PERHITUNGAN GAJI

Gaji Pokok : Rp. 700000
Tunjangan : Rp. 105000.0
Uang Lembur : Rp. 525000.0
Total : Rp. 605000.0

PS C:\Users\Administrator>