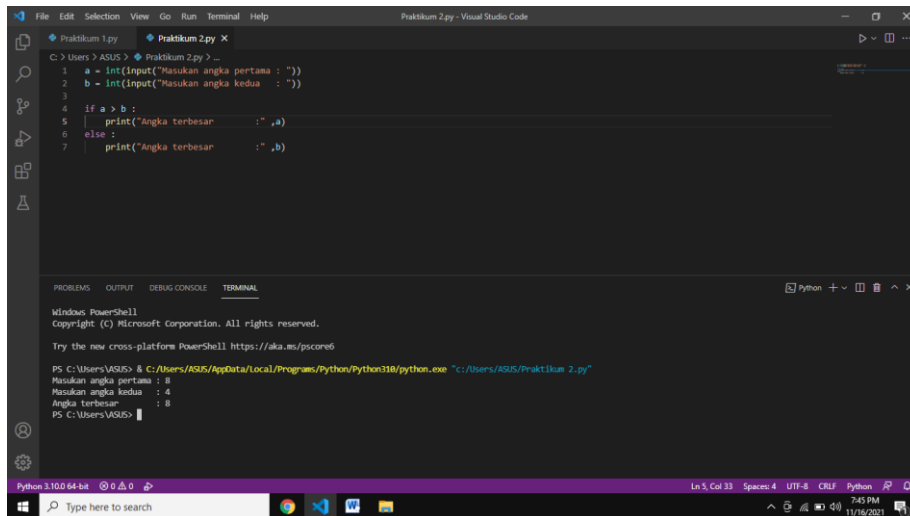


Nama : Fathiya Rohali  
NIM : 20.01.013.051  
Kelas : Informatika-B  
Mata Kuliah : Kecerdasan Buatan

## Praktikum 2

1.



```
File Edit Selection View Go Run Terminal Help
Praktikum 2.py - Visual Studio Code

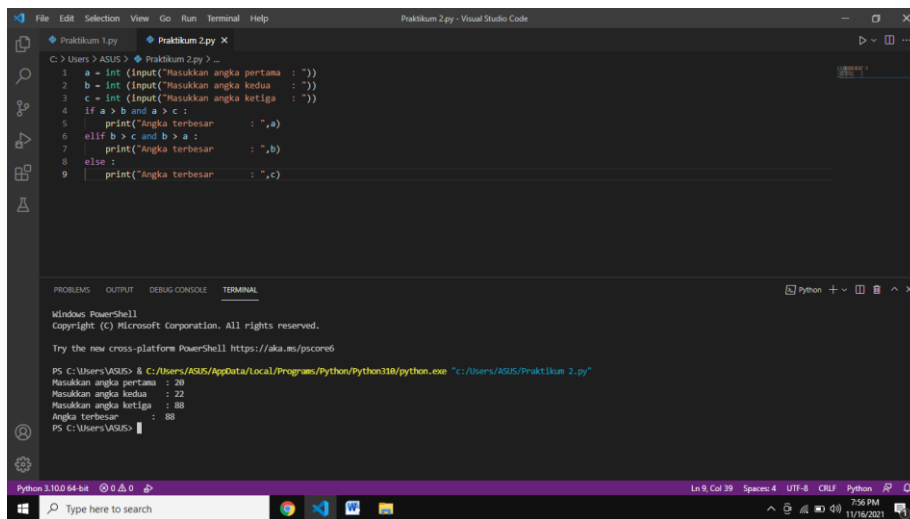
Praktikum 2.py
1 a = int(input("Masukan angka pertama : "))
2 b = int(input("Masukan angka kedua : "))
3
4 if a > b :
5     print("Angka terbesar : ",a)
6 else :
7     print("Angka terbesar : ",b)

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL
Python Python

Kindaas PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.
Try the new cross-platform PowerShell https://aka.ms/pscore6

PS C:\Users\VASUS> & C:/Users/ASUS/AppData/Local/Programs/Python/Python310/python.exe "c:/Users/ASUS/Praktikum 2.py"
Masukan angka pertama : 8
Masukan angka kedua : 4
Angka terbesar : 8
PS C:\Users\VASUS>
```

2.



```
File Edit Selection View Go Run Terminal Help
Praktikum 2.py - Visual Studio Code

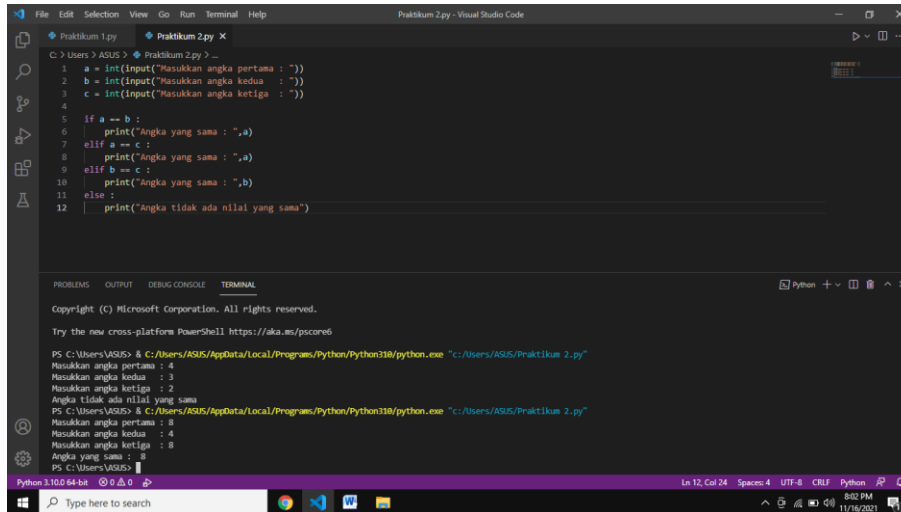
Praktikum 2.py
1 a = int(input("Masukan angka pertama : "))
2 b = int(input("Masukan angka kedua : "))
3 c = int(input("Masukan angka ketiga : "))
4 if a > b and a > c :
5     print("Angka terbesar : ",a)
6 elif b > c and b > a :
7     print("Angka terbesar : ",b)
8 else :
9     print("Angka terbesar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

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL
Python Python

Kindaas PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.
Try the new cross-platform PowerShell https://aka.ms/pscore6

PS C:\Users\VASUS> & C:/Users/ASUS/AppData/Local/Programs/Python/Python310/python.exe "c:/Users/ASUS/Praktikum 2.py"
Masukan angka pertama : 20
Masukan angka kedua : 22
Masukan angka ketiga : 88
Angka terbesar : 88
PS C:\Users\VASUS>
```

3.



```

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 tidak ada nilai yang sama")

```

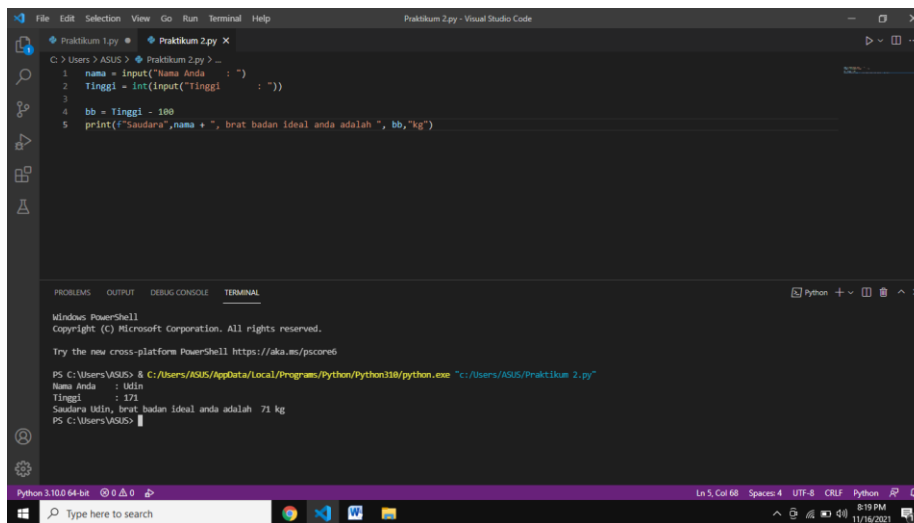
Terminal output:

```

PS C:\Users\ASUS> & C:\Users\ASUS\AppData\Local\Programs\Python\Python38\python.exe "c:\Users\ASUS\Praktikum 2.py"
Masukkan angka pertama : 4
Masukkan angka kedua : 3
Masukkan angka ketiga : 2
Angka tidak ada nilai yang sama
PS C:\Users\ASUS> & C:\Users\ASUS\AppData\Local\Programs\Python\Python38\python.exe "c:\Users\ASUS\Praktikum 2.py"
Masukkan angka pertama : 8
Masukkan angka kedua : 4
Masukkan angka ketiga : 8
Angka yang sama : 8
PS C:\Users\ASUS>

```

4.



```

1 nama = input("Nama Anda : ")
2 Tinggi = int(input("Tinggi : "))
3
4 bb = Tinggi - 100
5 print("Saudara",nama + ", berat badan ideal anda adalah ", bb,"kg")

```

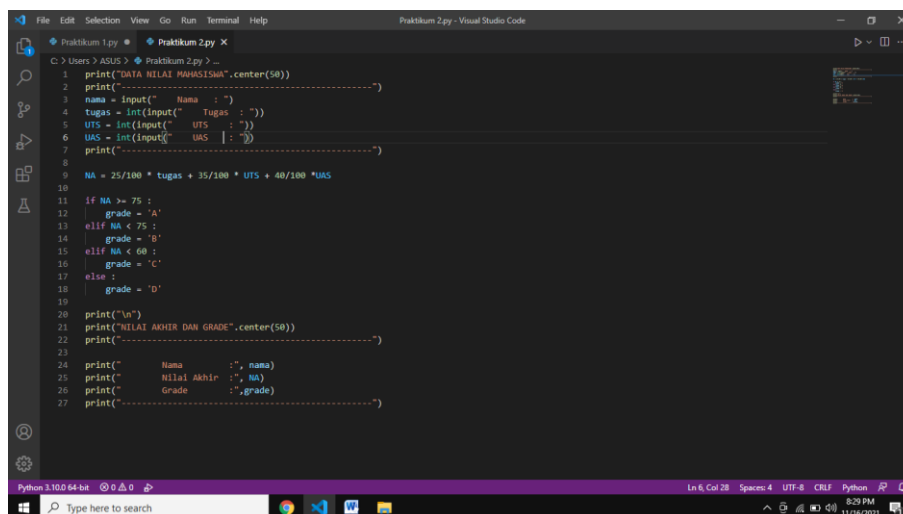
Terminal output:

```

PS C:\Users\ASUS> & C:\Users\ASUS\AppData\Local\Programs\Python\Python38\python.exe "c:\Users\ASUS\Praktikum 2.py"
Nama Anda : Udin
Tinggi : 171
Saudara Udin, berat badan ideal anda adalah 71 kg
PS C:\Users\ASUS>

```

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("-----")

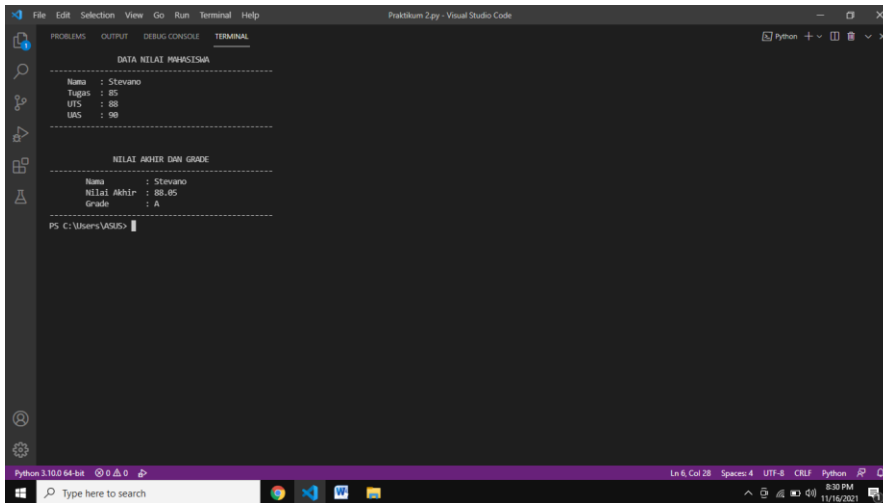
```

Terminal output:

```

PS C:\Users\ASUS> & C:\Users\ASUS\AppData\Local\Programs\Python\Python38\python.exe "c:\Users\ASUS\Praktikum 2.py"
DATA NILAI MAHASISWA
-----
Nama : 
Tugas : 
UTS : 
UAS : 
-----
NA = 25/100 * tugas + 35/100 * UTS + 40/100 *UAS
-----
NILAI AKHIR DAN GRADE
-----
      Nama      : 
      Nilai Akhir : 
      Grade      :
-----

```



```
File Edit Selection View Go Run Terminal Help
Praktikum 2.py - Visual Studio Code

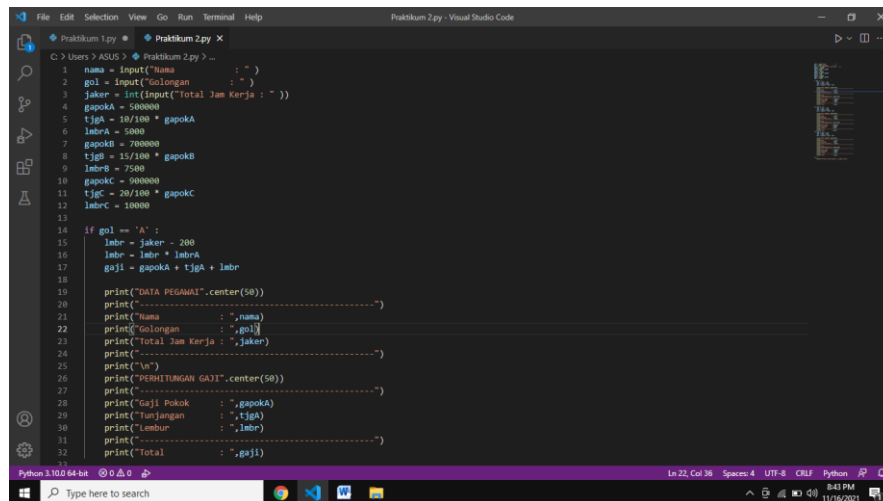
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL

-----
DATA NILAI MAHASISWA
-----
Nama      : Stevano
Tugas     : 85
UTS       : 88
UAS       : 90
-----

NILAI AKHIR DAN GRADE
-----
Nama      : Stevano
Nilai Akhir : 88.95
Grade     : A
-----

PS C:\Users\ASUS>
```

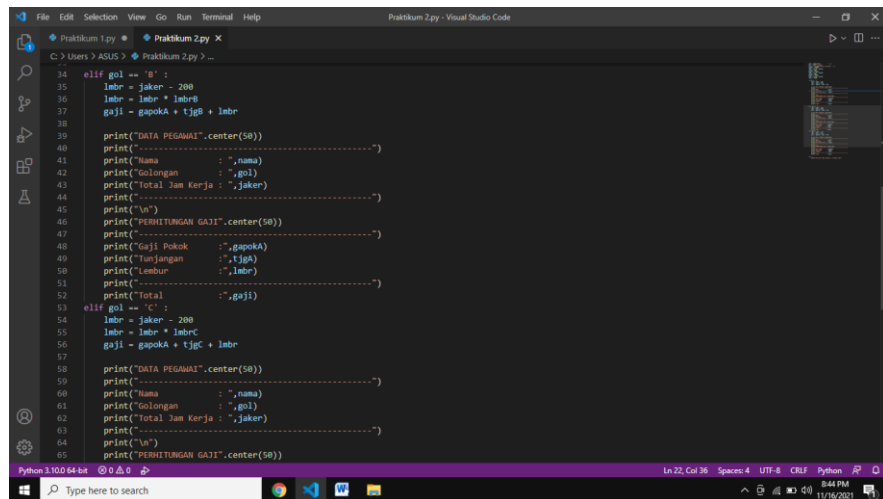
6.



```
File Edit Selection View Go Run Terminal Help
Praktikum 2.py - Visual Studio Code

Praktikum 1.py Praktikum 2.py X
C:\Users\ASUS> Praktikum 2.py ...

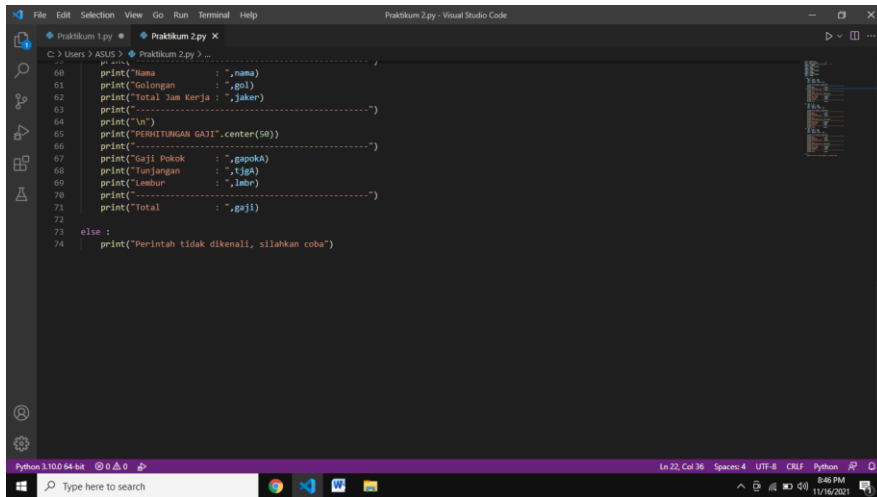
1 nama = input("Nama      : ")
2 gol = input("Golongan   : ")
3 jaker = int(input("Total Jam Kerja : "))
4 gapokA = 500000
5 tjga = 10/100 * gapokA
6 lembA = 5000
7 gapokB = 700000
8 tjgb = 15/100 * gapokB
9 lembB = 7500
10 gapokC = 900000
11 tjgc = 20/100 * gapokC
12 lembC = 10000
13
14 if gol == 'A':
15     lmbA = jaker - 200
16     lmbA = lmbA * lembA
17     gaji = gapokA + tjga + lmbA
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       : ",tjga)
30     print("Lembur          : ",lmbA)
31     print("-----")
32     print("Total          : ",gaji)
33
34
```



```
File Edit Selection View Go Run Terminal Help
Praktikum 2.py - Visual Studio Code

Praktikum 1.py Praktikum 2.py X
C:\Users\ASUS> Praktikum 2.py ...

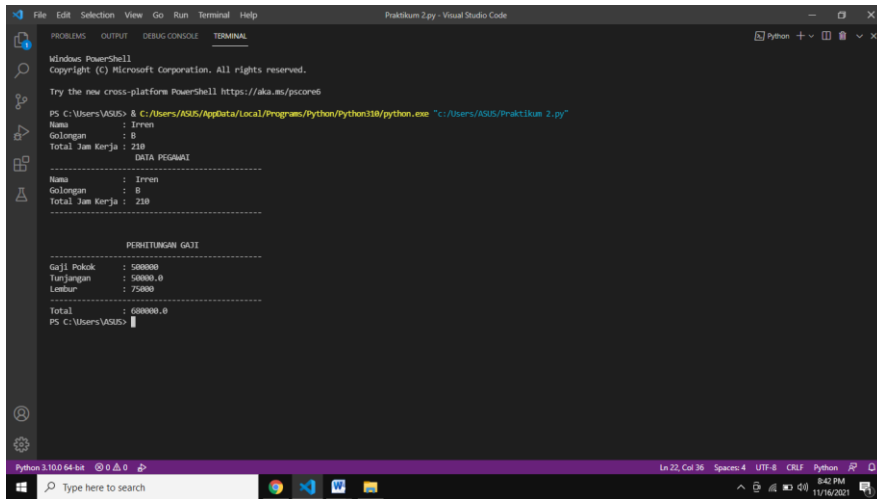
34 elif gol == 'B':
35     lmbA = jaker - 200
36     lmbA = lmbA * lembA
37     gaji = gapokA + tjga + lmbA
38
39     print("DATA PEGAWAI".center(50))
40     print("-----")
41     print("Nama      : ",nama)
42     print("Golongan   : ",gol)
43     print("Total Jam Kerja : ",jaker)
44     print("-----")
45     print("\n")
46     print("PERHITUNGAN GAJI".center(50))
47     print("-----")
48     print("Gaji Pokok      : ",gapokA)
49     print("Tunjangan       : ",tjga)
50     print("Lembur          : ",lmbA)
51     print("-----")
52     print("Total          : ",gaji)
53
54 elif gol == 'C':
55     lmbA = jaker - 200
56     lmbA = lmbA * lembA
57     gaji = gapokA + tjgc + lmbA
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     print("-----")
68     print("Gaji Pokok      : ",gapokA)
69     print("Tunjangan       : ",tjgc)
70     print("Lembur          : ",lmbA)
71     print("-----")
72     print("Total          : ",gaji)
73
74
```



The screenshot shows the Visual Studio Code editor with a file named 'Praktikum 2.py' open. The code is a Python script that takes user input and calculates a total salary. The code is as follows:

```
60 print("Nama      : ",nama)
61 print("Golongan   : ",gol)
62 print("Total Jam Kerja : ",jamker)
63 print("-----")
64 print("\n")
65 print("PERHITUNGAN Gaji".center(50))
66 print("-----")
67 print("Gaji Pokok      : ",gapoka)
68 print("Tunjangan       : ",tjgk)
69 print("Lembur          : ",lmbur)
70 print("-----")
71 print("Total           : ",gaji)
72
73 else :
74     print("Perintah tidak dikenali, silahkan coba")
```

The status bar at the bottom indicates the file is encoded in UTF-8 with CRLF line endings, using the Python interpreter located at 'Python 3.10.0 64-bit'.



The screenshot shows the terminal window in Visual Studio Code. The terminal displays the output of the Python script, which includes the user input and the calculated total salary. The output is as follows:

```
PS C:\Users\ASUS> & C:/Users/ASUS/AppData/Local/Programs/Python/python310/python.exe "c:/Users/ASUS/Praktikum 2.py"
Nama      : Irren
Golongan   : B
Total Jam Kerja : 210
-----
DATA PEKERJA
-----
Nama      : Irren
Golongan   : B
Total Jam Kerja : 210
-----
PERHITUNGAN GAJI
-----
Gaji Pokok      : 50000
Tunjangan       : 50000.0
Lembur          : 75000
-----
Total           : 680000.0
PS C:\Users\ASUS>
```

The terminal window shows the command prompt and the output of the script. The status bar at the bottom indicates the file is encoded in UTF-8 with CRLF line endings, using the Python interpreter located at 'Python 3.10.0 64-bit'.