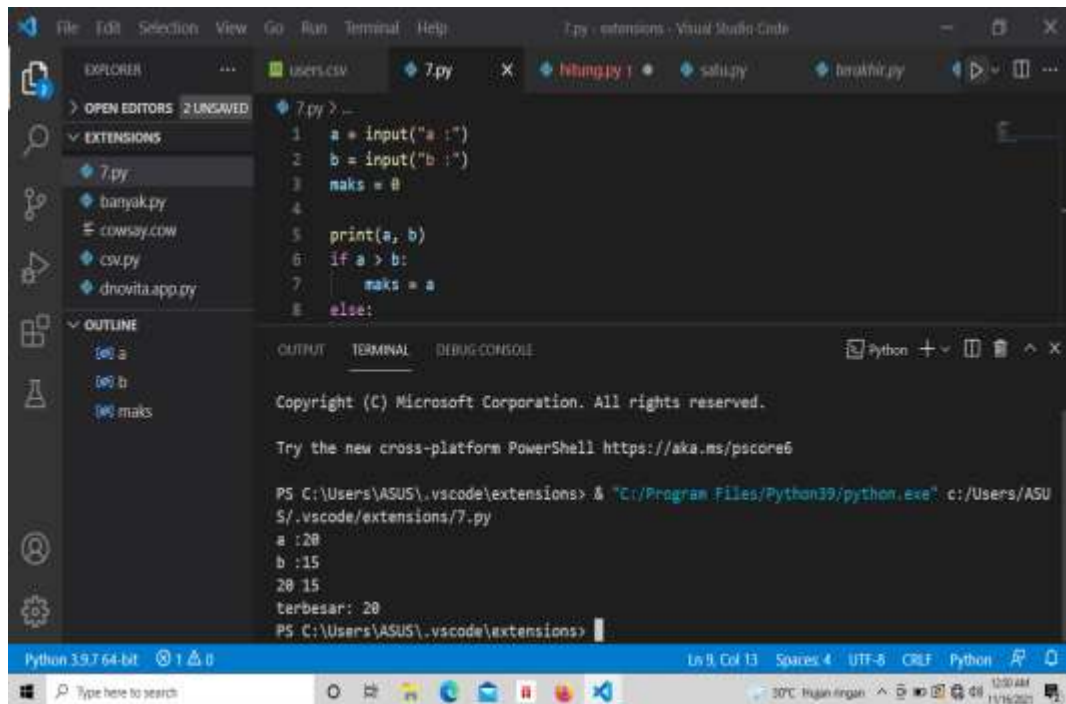


Nama : Hadijatol kadri

Nim : 20.01.013.006

Kelas : Ai _A

1. Program mencari bilangan terbesar dari dua buah bilangan



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

```
1 a = input("a :")
2 b = input("b :")
3 maks = 0
4
5 print(a, b)
6 if a > b:
7     maks = a
8 else:
```

The terminal window at the bottom shows the execution of the script. It prompts for input 'a' and 'b', and then prints the result:

```
PS C:\Users\ASUS\.vscode\extensions> & "C:\Program Files\Python39\python.exe" c:/Users/ASUS/.vscode/extensions/7.py
a :20
b :15
20 15
terbesar: 20
PS C:\Users\ASUS\.vscode\extensions>
```

The status bar at the bottom indicates the Python 3.9.7 64-bit interpreter is active, and the file is encoded in UTF-8.

2. Program mencari bilangan terbesar dari tiga buah bilangan

The screenshot displays the Visual Studio Code editor with the following components:

- Explorer Panel:** Shows the file structure with `users.csv` and `7.py` selected.
- Open Editors:** Lists `7.py`, `banyak.py`, `cowasay.cow`, `csv.py`, and `dnovita.app.py`.
- Outline Panel:** Shows the variable `maks` being assigned values: `10`, `14`, `9`, and `9`.
- Editor:** Contains the Python code for `7.py`:


```
1 a = input("a :")
2 b = input("b :")
3 c = input("c :")
4 maks = 0
5
6 print(a, b, c)
7 if a > b:
8     maks = a
```
- Terminal Panel:** Shows the command to run the script:


```
PS C:\Users\ASUS\.vscode\extensions> & "C:\Program Files\Python39\python.exe" c:\Users\ASU
5\.vscode\extensions\7.py
```

 The output of the script is:


```
a :6
b :14
c :9
6 14 9
terbesar: 9
PS C:\Users\ASUS\.vscode\extensions>
```
- Status Bar:** Indicates the Python version as `Python 3.9.7 64-bit`.

3. Program mencari bilangan yang sama

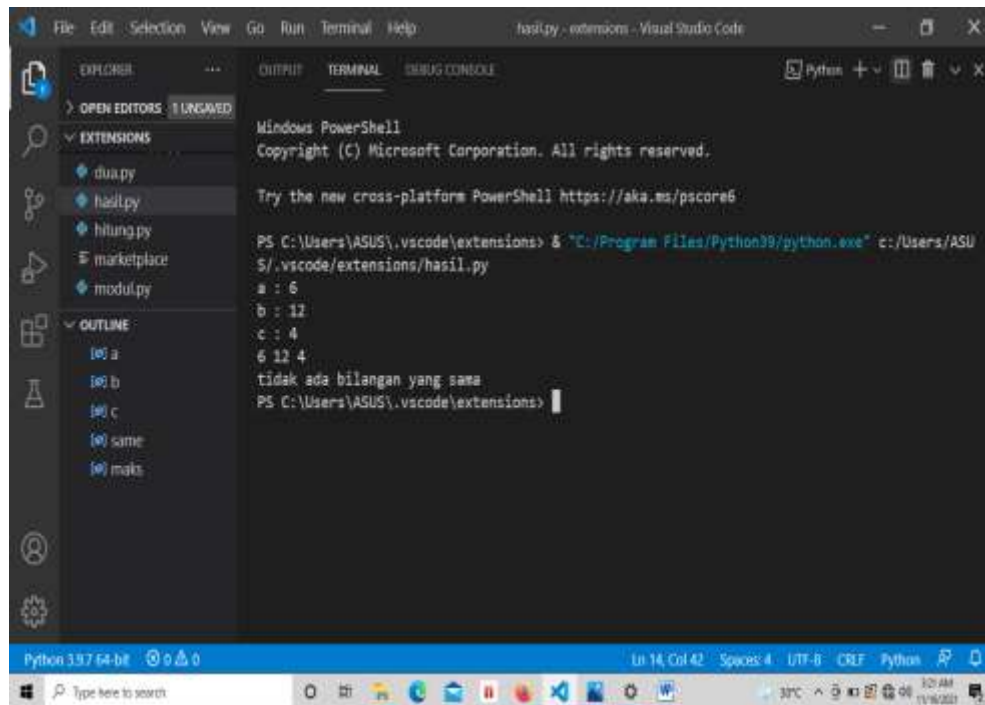
The image shows a Visual Studio Code editor window with a Python file named `hasil.py`. The code is as follows:

```

1  a = int(input("a : "))
2  b = int(input("b : "))
3  c = int(input("c : "))
4
5  print(a,b,c)
6  if a == b or a == c:
7      same = a
8      print("nilai bilangan yang sama :",same)
9  elif b == a or b == c:
10     same = b
11     print("nilai bilangan yang sama :",same)
12 else :
13     maks = c
14     print("tidak ada bilangan yang sama")
15
16
17

```

The left sidebar shows the Explorer view with the file `hasil.py` selected. The Extensions view shows the installed Python extension. The Outline view shows the structure of the file. The bottom status bar indicates the Python version is 3.9.7 64-bit and the current cursor position is line 14, column 42.



```
File Edit Selection View Go Run Terminal Help
hasil.py - extensions - Visual Studio Code

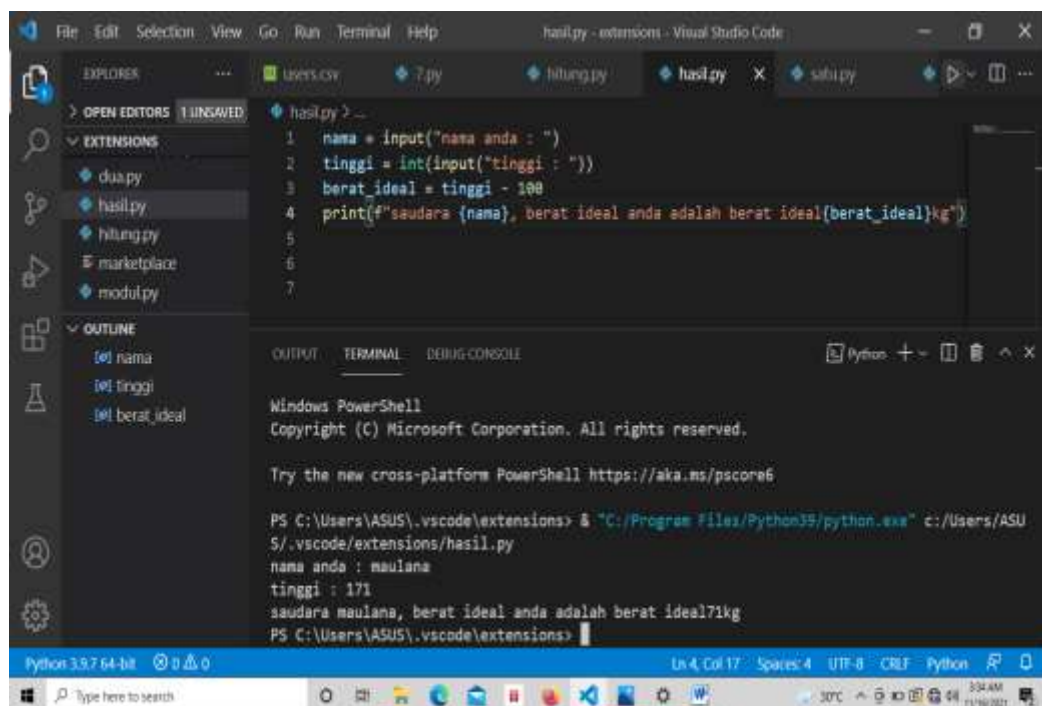
EXPLORER
OPEN EDITORS 1 UNMAVED
EXTENSIONS
dua.py
hasil.py
hitung.py
marketplace
modul.py
OUTLINE
a
b
c
same
maks

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

PS C:\Users\ASUS\.vscode\extensions> & "C:/Program Files/Python39/python.exe" c:/Users/ASUS/.vscode/extensions/hasil.py
a : 6
b : 12
c : 4
6 12 4
tidak ada bilangan yang sama
PS C:\Users\ASUS\.vscode\extensions>
```

4. Program menghitung berat badan ideal.



```
File Edit Selection View Go Run Terminal Help
hasil.py - extensions - Visual Studio Code

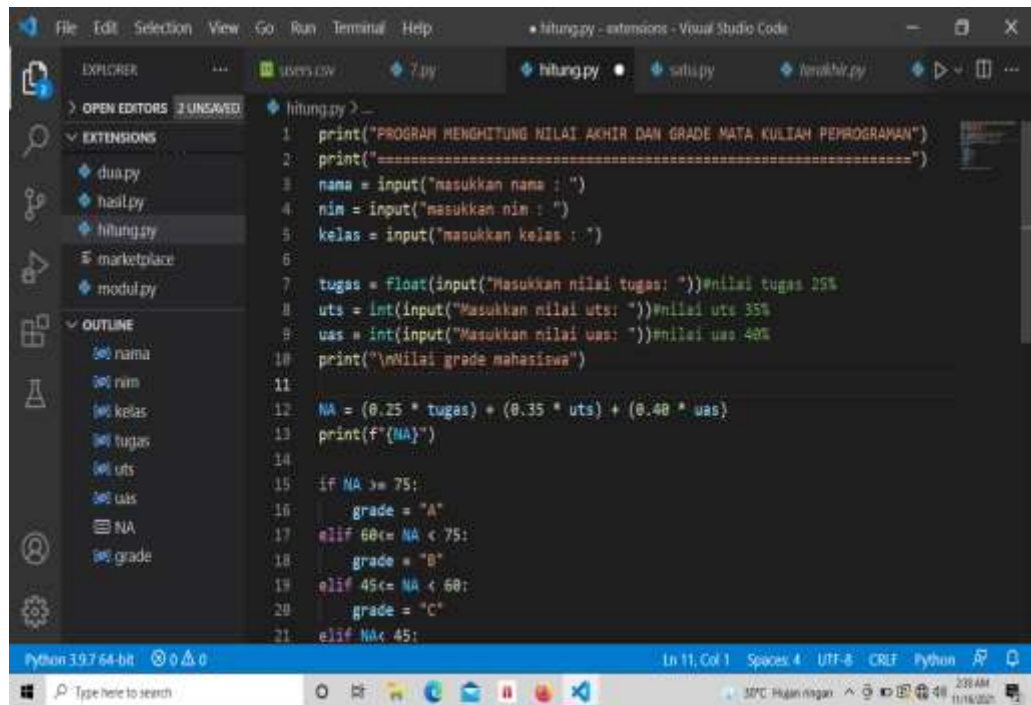
EXPLORER
OPEN EDITORS 1 UNMAVED
EXTENSIONS
dua.py
hasil.py
hitung.py
marketplace
modul.py
OUTLINE
nama
tinggi
berat_ideal

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

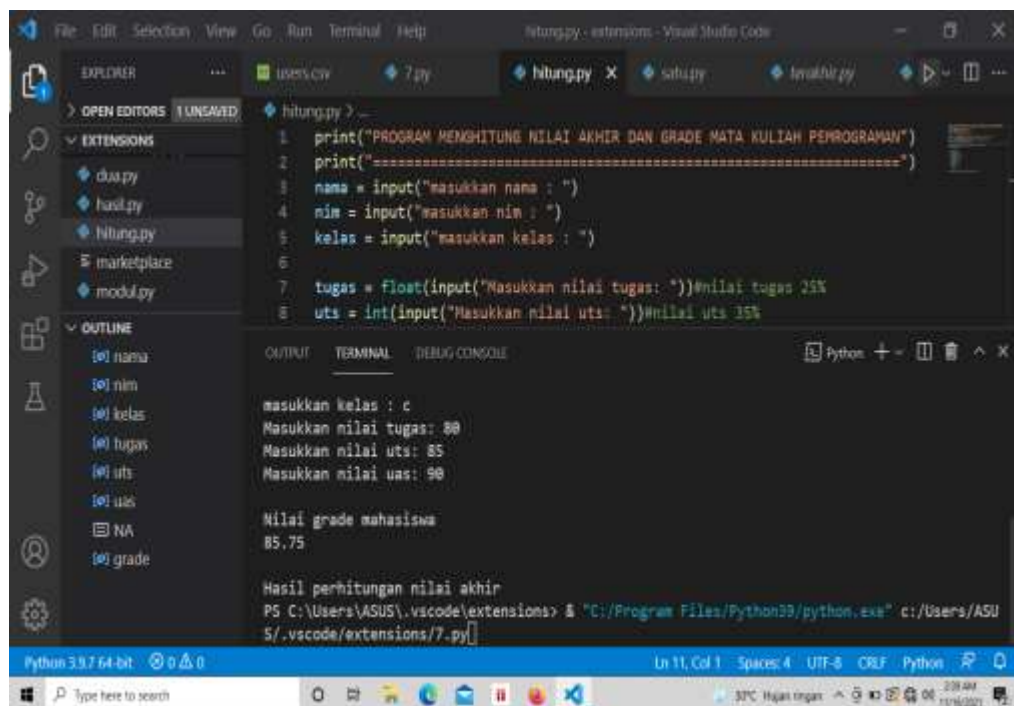
Try the new cross-platform PowerShell https://aka.ms/powershell

PS C:\Users\ASUS\.vscode\extensions> & "C:/Program Files/Python39/python.exe" c:/Users/ASUS/.vscode/extensions/hasil.py
nama anda : maulana
tinggi : 171
saudara maulana, berat ideal anda adalah berat ideal71kg
PS C:\Users\ASUS\.vscode\extensions>
```

5. Program menghitung nilai akhir dan grade mata kuliah pemrograman.



```
1 print("PROGRAM MENGHITUNG NILAI AKHIR DAN GRADE MATA KULIAH PEMROGRAMAN")
2 print("=====")
3 nama = input("masukkan nama : ")
4 nim = input("masukkan nim : ")
5 kelas = input("masukkan kelas : ")
6
7 tugas = float(input("Masukkan nilai tugas: "))#nilai tugas 25%
8 uts = int(input("Masukkan nilai uts: "))#nilai uts 35%
9 uas = int(input("Masukkan nilai uas: "))#nilai uas 40%
10 print("\nNilai grade mahasiswa")
11
12 NA = (0.25 * tugas) + (0.35 * uts) + (0.40 * uas)
13 print(f"NA")
14
15 if NA >= 75:
16     grade = "A"
17 elif 60<= NA < 75:
18     grade = "B"
19 elif 45<= NA < 60:
20     grade = "C"
21 elif NA < 45:
```



```
1 print("PROGRAM MENGHITUNG NILAI AKHIR DAN GRADE MATA KULIAH PEMROGRAMAN")
2 print("=====")
3 nama = input("masukkan nama : ")
4 nim = input("masukkan nim : ")
5 kelas = input("masukkan kelas : ")
6
7 tugas = float(input("Masukkan nilai tugas: "))#nilai tugas 25%
8 uts = int(input("Masukkan nilai uts: "))#nilai uts 35%
9 uas = int(input("Masukkan nilai uas: "))#nilai uas 40%
10 print("\nNilai grade mahasiswa")
11
12 NA = (0.25 * tugas) + (0.35 * uts) + (0.40 * uas)
13 print(f"NA")
14
15 if NA >= 75:
16     grade = "A"
17 elif 60<= NA < 75:
18     grade = "B"
19 elif 45<= NA < 60:
20     grade = "C"
21 elif NA < 45:
```

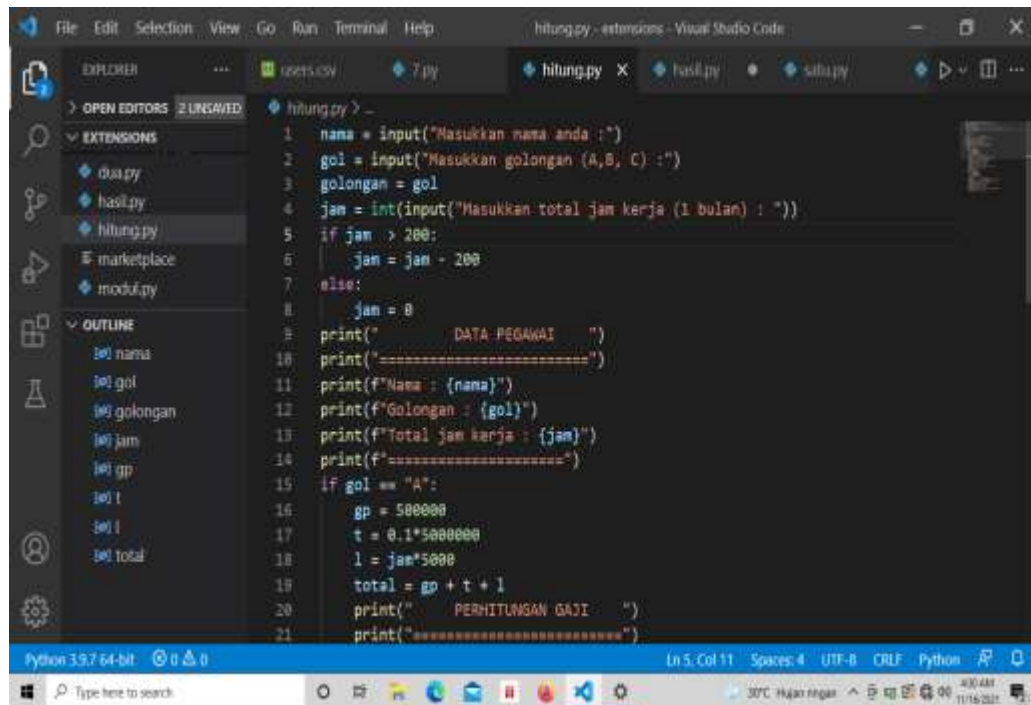
OUTPUT TERMINAL DEBUG CONSOLE

masukkan kelas : c
Masukkan nilai tugas: 80
Masukkan nilai uts: 85
Masukkan nilai uas: 90

Nilai grade mahasiswa
85.75

Hasil perhitungan nilai akhir
PS C:\Users\ASUS\.vscode\extensions> & "C:/Program Files/Python39/python.exe" c:/Users/ASUS/.vscode/extensions/7.py

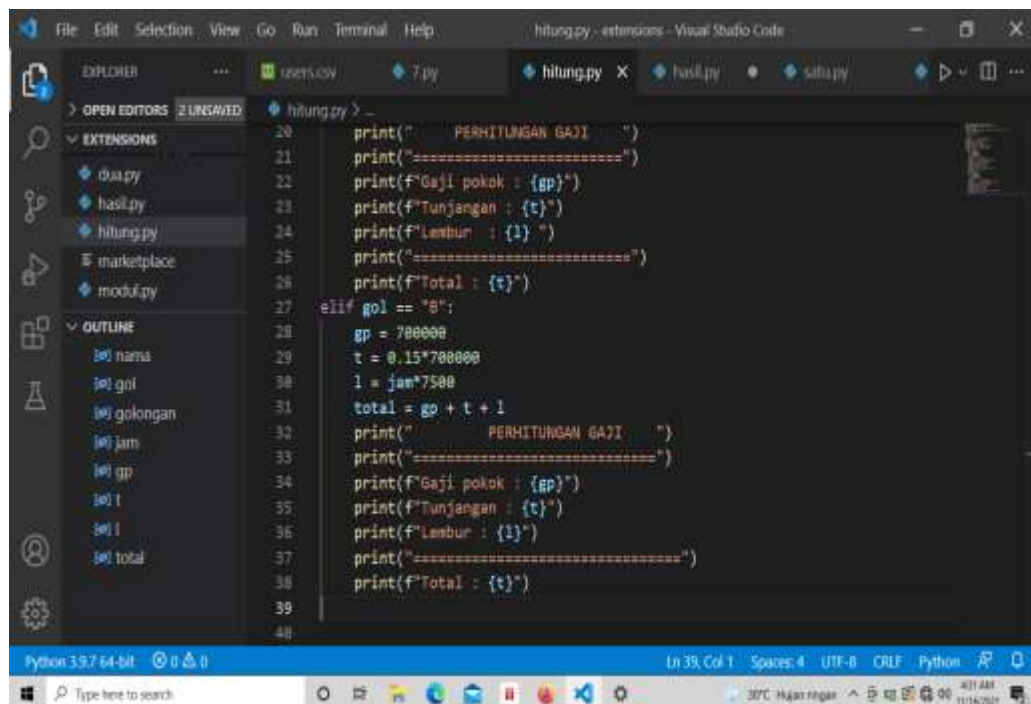
6. Program menentukan gaji pegawai.



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

```
1 nama = input("Masukkan nama anda :")
2 gol = input("Masukkan golongan (A,B, C) :")
3 golongan = gol
4 jam = int(input("Masukkan total jam kerja (1 bulan) : "))
5 if jam > 200:
6     jam = jam - 200
7 else:
8     jam = 0
9 print("      DATA PEGAWAI      ")
10 print("=====")
11 print(f"Nama : {nama}")
12 print(f"Golongan : {gol}")
13 print(f"Total jam kerja : {jam}")
14 print(f"=====")
15 if gol == "A":
16     gp = 500000
17     t = 0.1*500000
18     l = jam*5000
19     total = gp + t + l
20 print("      PERHITUNGAN GAJI      ")
21 print("=====")
```

The left sidebar shows the Explorer view with the file `hitung.py` selected. The Outline view on the right shows the variables `nama`, `gol`, `golongan`, `jam`, `gp`, `t`, `l`, and `total` defined in the code.



The screenshot shows the Visual Studio Code editor with the same Python file `hitung.py`. The code continues from the previous screenshot:

```
20 print("      PERHITUNGAN GAJI      ")
21 print("=====")
22 print(f"Gaji pokok : {gp}")
23 print(f"Tunjangan : {t}")
24 print(f"Lembur : {l}")
25 print(f"=====")
26 print(f"Total : {total}")
27 elif gol == "B":
28     gp = 700000
29     t = 0.15*700000
30     l = jam*7500
31     total = gp + t + l
32 print("      PERHITUNGAN GAJI      ")
33 print("=====")
34 print(f"Gaji pokok : {gp}")
35 print(f"Tunjangan : {t}")
36 print(f"Lembur : {l}")
37 print(f"=====")
38 print(f"Total : {total}")
39
```

The left sidebar shows the Explorer view with the file `hitung.py` selected. The Outline view on the right shows the variables `nama`, `gol`, `golongan`, `jam`, `gp`, `t`, `l`, and `total` defined in the code.

The screenshot shows the Visual Studio Code interface with a terminal window open. The terminal is running a Python script named `hitung.py`. The script prompts the user for their name, group, and total working hours. It then calculates and displays the salary details, including basic salary, allowance, overtime, and total salary.

```
File Edit Selection View Go Run Terminal Help hitung.py - extensions - Visual Studio Code
EXPLORER 2 UNSAVED
  > OPEN EDITORS
  > EXTENSIONS
    duap.py
    hasil.py
    hitung.py
    marketplace
    modul.py
  > OUTLINE
    [e] nama
    [e] gol
    [e] golongan
    [e] jam
    [e] gp
    [e] t
    [e] l
    [e] total

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Try the new cross-platform PowerShell https://aka.ms/pscore6

PS C:\Users\ASUS\.vscode\extensions> & "C:/Program Files/Python39/python.exe" c:/Users/ASU
S/.vscode/extensions/hitung.py
Masukkan nama anda :Hadijatol Kadri
Masukkan golongan (A,B, C) :8
Masukkan total jam kerja (1 bulan) : 210
      DATA PEGAWAI
=====
Nama : Hadijatol Kadri
Golongan : 8
Total jam kerja : 10
=====
      PERHITUNGAN GAJI
=====
Gaji pokok : 700000
Tunjangan : 105000.0
Lembur : 75000
=====
Total : 105000.0
PS C:\Users\ASUS\.vscode\extensions>
```

Python 3.9.7 64-bit 0 0 0 Ln 39, Col 1 Spaces: 4 UTF-8 CRLF Python 4:33 AM 11/16/2021