

Nama : Danang Kurniawan

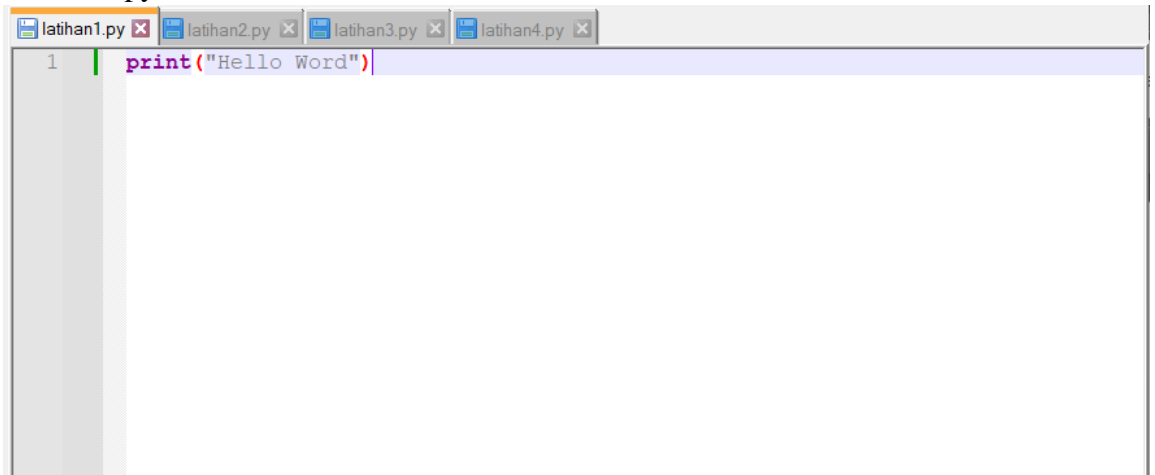
NIM : K3521016

Kelas : B

Tugas Pertemuan 1 Pemrograman Desktop

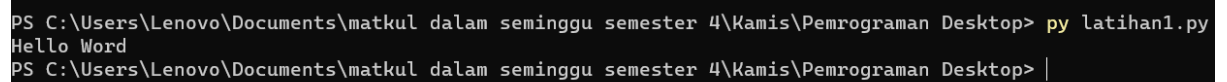
1. Notepad++ & Command Prompt

- Latihan1.py



The screenshot shows a Notepad++ window with four tabs: latihan1.py, latihan2.py, latihan3.py, and latihan4.py. The active tab is latihan1.py, which contains a single line of Python code: `print("Hello Word")`. The line number 1 is visible on the left margin.

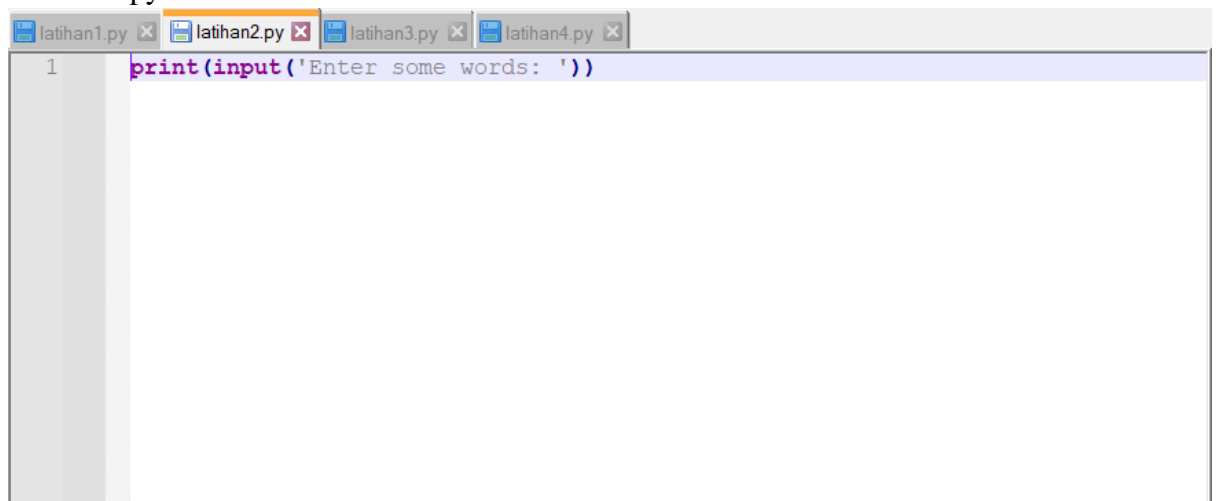
gambar syntax 1



The screenshot shows a Windows Command Prompt window. The prompt is `PS C:\Users\Lenovo\Documents\matkul dalam seminggu semester 4\Kamis\Pemrograman Desktop>`. The user has entered `py latihan1.py`, and the output is `Hello Word`. The prompt is now `PS C:\Users\Lenovo\Documents\matkul dalam seminggu semester 4\Kamis\Pemrograman Desktop> |`.

gambar hasil 1

- Latihan2.py



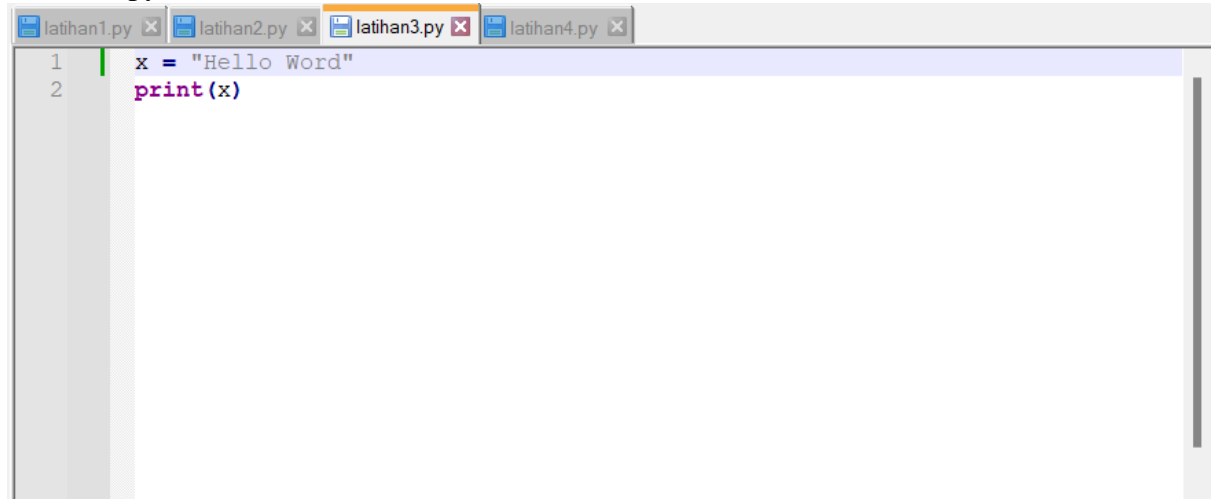
The screenshot shows a Notepad++ window with four tabs: latihan1.py, latihan2.py, latihan3.py, and latihan4.py. The active tab is latihan2.py, which contains a single line of Python code: `print(input('Enter some words: '))`. The line number 1 is visible on the left margin.

gambar syntax 2

```
PS C:\Users\Lenovo\Documents\matkul dalam seminggu semester 4\Kamis\Pemrograman Desktop> py latihan2.py
Enter some words: Hello Word
Hello Word
PS C:\Users\Lenovo\Documents\matkul dalam seminggu semester 4\Kamis\Pemrograman Desktop> |
```

gambar hasil 2

- Latihan3.py



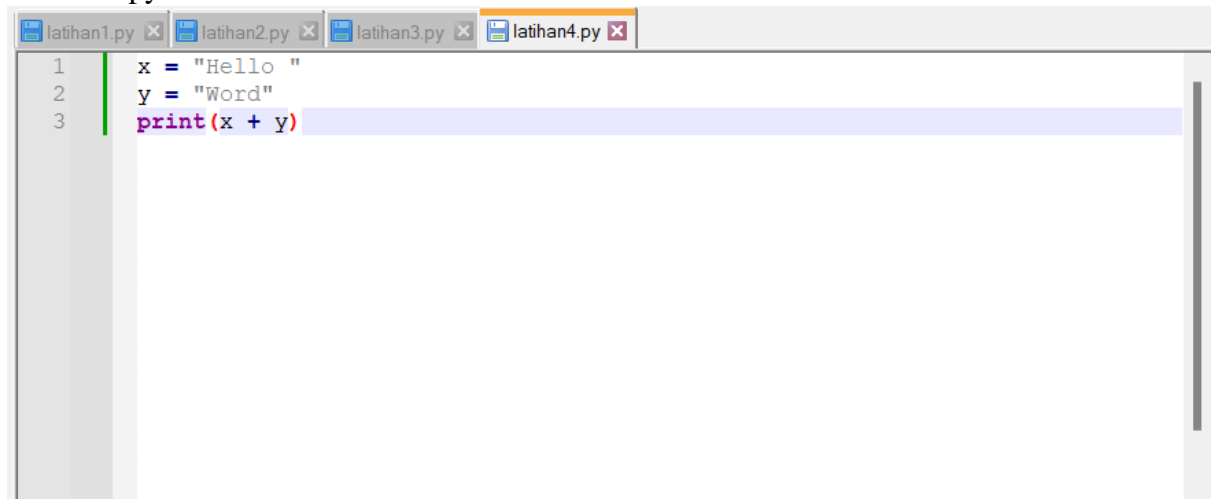
```
1 x = "Hello Word"
2 print(x)
```

gambar syntax 3

```
PS C:\Users\Lenovo\Documents\matkul dalam seminggu semester 4\Kamis\Pemrograman Desktop> py latihan3.py
Hello Word
PS C:\Users\Lenovo\Documents\matkul dalam seminggu semester 4\Kamis\Pemrograman Desktop> |
```

gambar hasil 3

- Latihan4.py



```
1 x = "Hello "
2 y = "Word"
3 print(x + y)
```

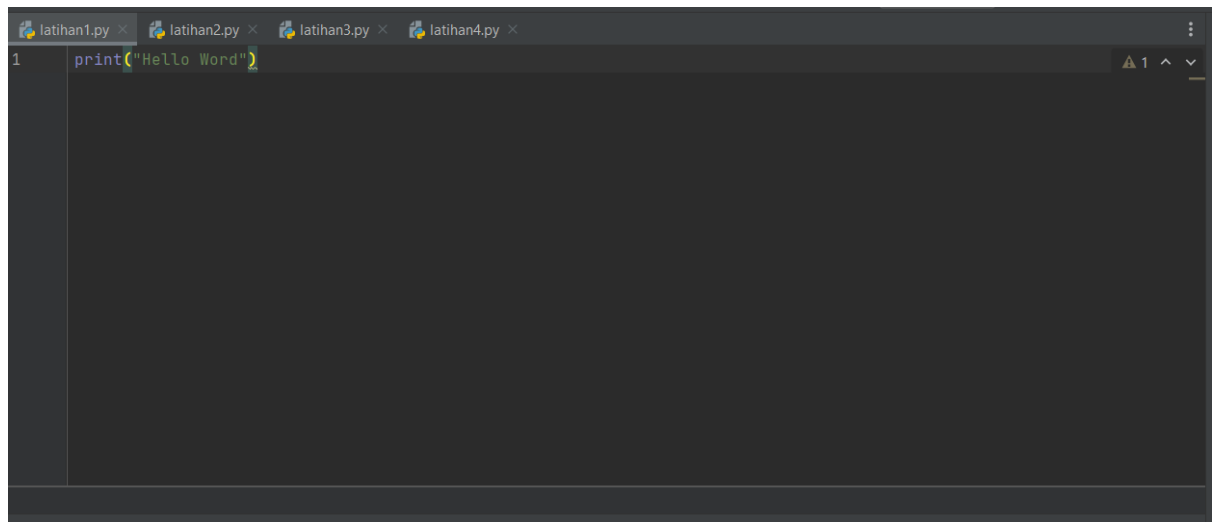
gambar syntax 4

```
PS C:\Users\Lenovo\Documents\matkul dalam seminggu semester 4\Kamis\Pemrograman Desktop> py latihan4.py
Hello Word
PS C:\Users\Lenovo\Documents\matkul dalam seminggu semester 4\Kamis\Pemrograman Desktop> |
```

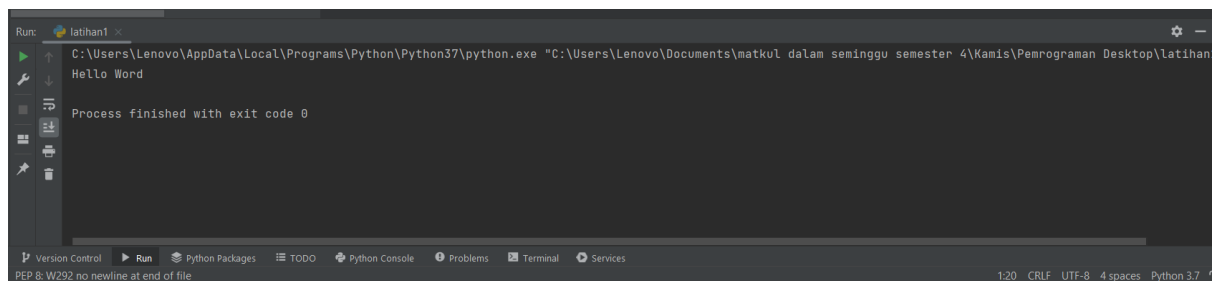
gambar hasil 4

2. Pycharm Community

- Latihan1.py

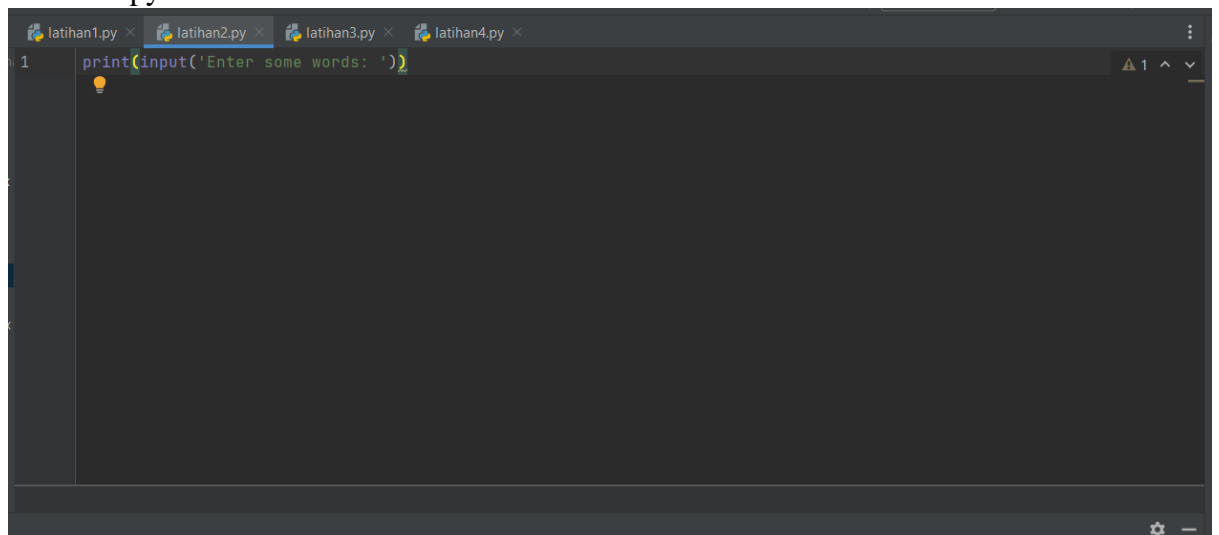


gambar syntax 5

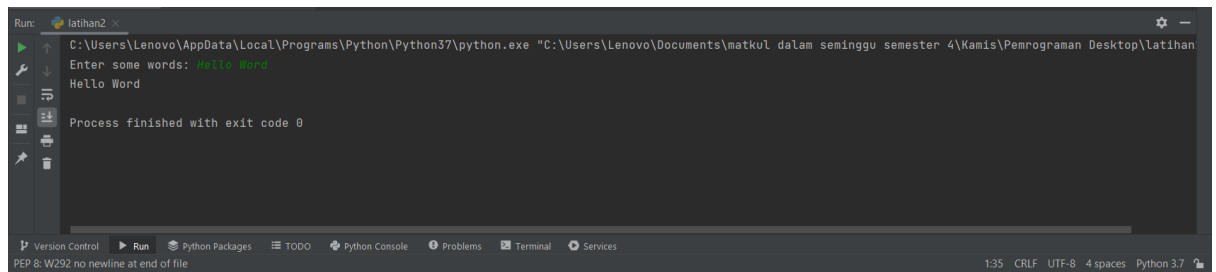


gambar hasil 5

- Latihan2.py



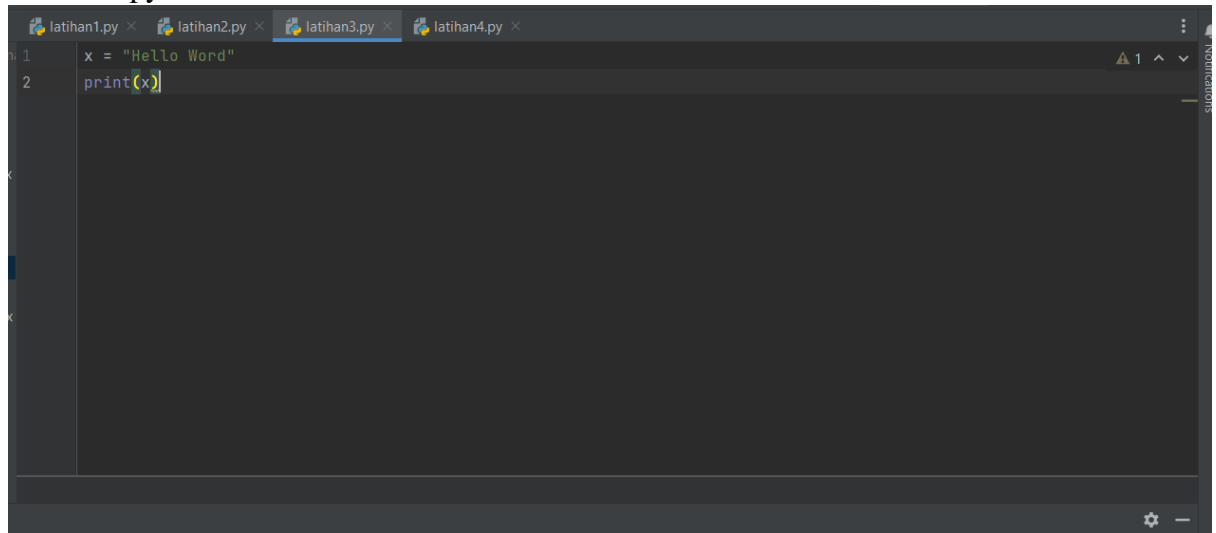
gambar syntax 6



```
Run: latihan2.py
C:\Users\Lenovo\AppData\Local\Programs\Python\Python37\python.exe "C:\Users\Lenovo\Documents\matkul dalam seminggu semester 4\Kamis\Pemrograman Desktop\latihan
Enter some words: Hello Word
Hello Word
Process finished with exit code 0
```

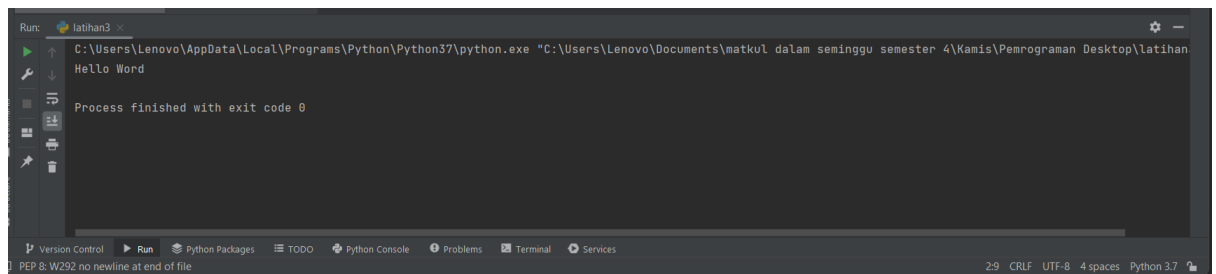
gambar hasil 6

- Latihan3.py



```
latihan1.py x latihan2.py x latihan3.py x latihan4.py x
1 x = "Hello Word"
2 print(x)
```

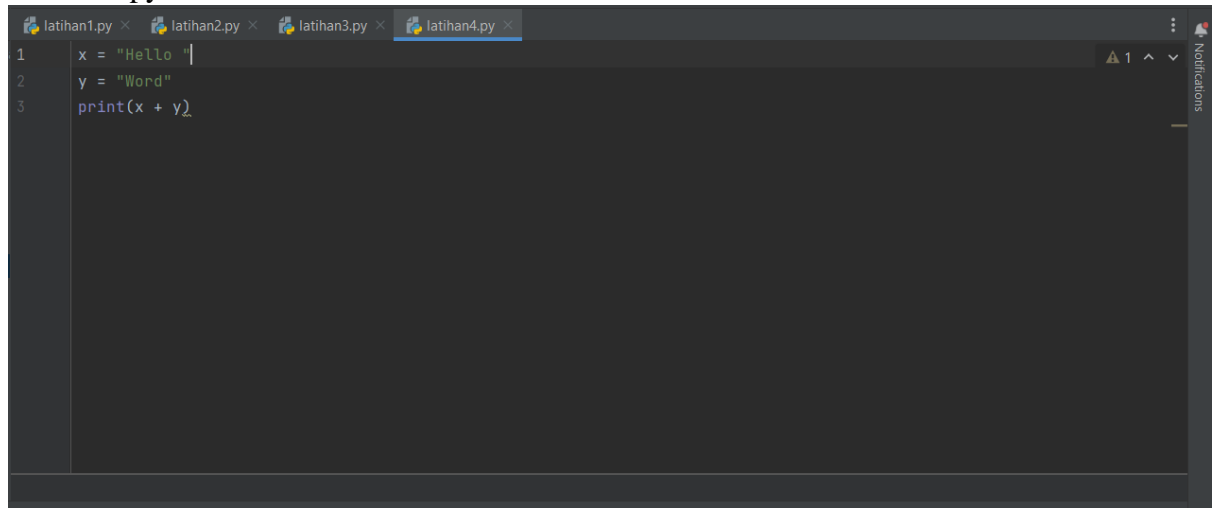
gambar syntax 7



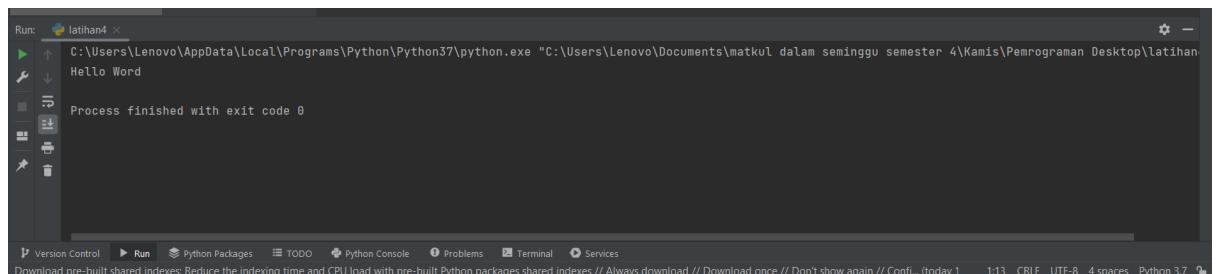
```
Run: latihan3.py
C:\Users\Lenovo\AppData\Local\Programs\Python\Python37\python.exe "C:\Users\Lenovo\Documents\matkul dalam seminggu semester 4\Kamis\Pemrograman Desktop\latihan
Hello Word
Process finished with exit code 0
```

gambar hasil 7

- Latihan4.py



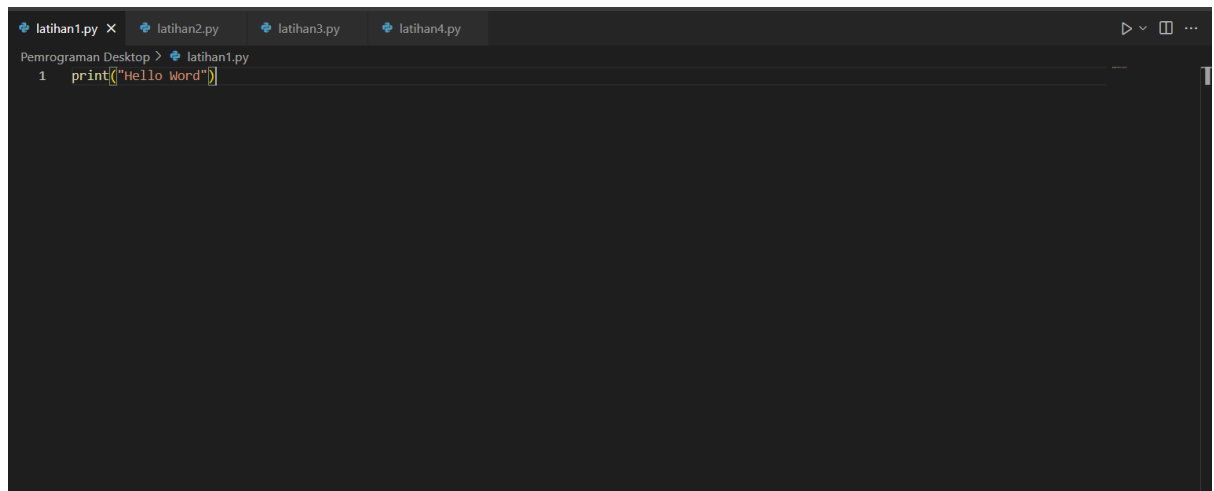
gambar syntax 8



gambar hasil 8

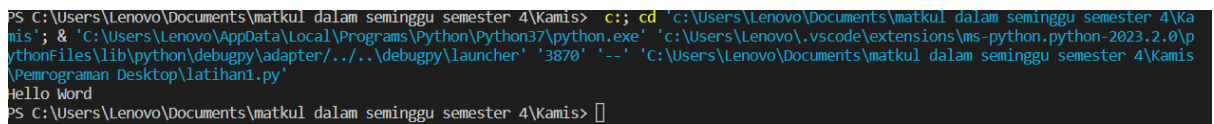
3. Visual Studio Code

- Latihan1.py



```
latihan1.py x latihan2.py latihan3.py latihan4.py
Pemrograman Desktop > latihan1.py
1 print('Hello Word')
```

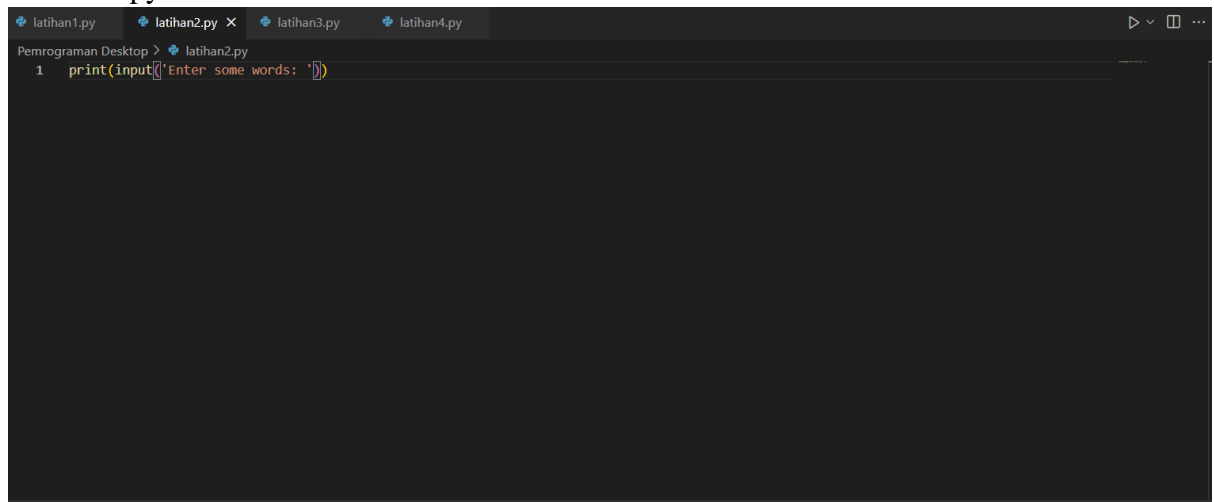
gambar syntax 9



```
PS C:\Users\Lenovo\Documents\matkul dalam seminggu semester 4\Kamis> c:: cd 'c:\Users\Lenovo\Documents\matkul dalam seminggu semester 4\Kamis'; & 'c:\Users\Lenovo\AppData\Local\Programs\Python\Python37\python.exe' 'c:\Users\Lenovo\.vscode\extensions\ms-python.python-2023.2.0\pythonFiles\lib\python\debugpy\adapter\..\..\debugpy\launcher' '3870' '--' 'C:\Users\Lenovo\Documents\matkul dalam seminggu semester 4\Kamis\Pemrograman Desktop\latihan1.py'
Hello Word
PS C:\Users\Lenovo\Documents\matkul dalam seminggu semester 4\Kamis> 
```

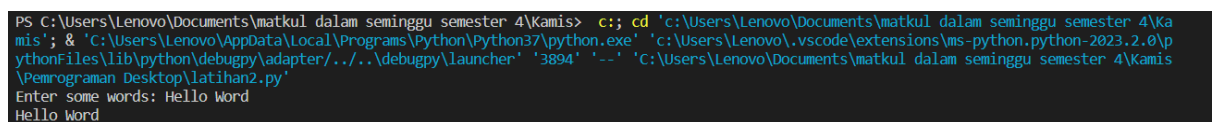
gambar hasil 9

- Latihan2.py



```
latihan1.py latihan2.py x latihan3.py latihan4.py
Pemrograman Desktop > latihan2.py
1 print(input('Enter some words: '))
```

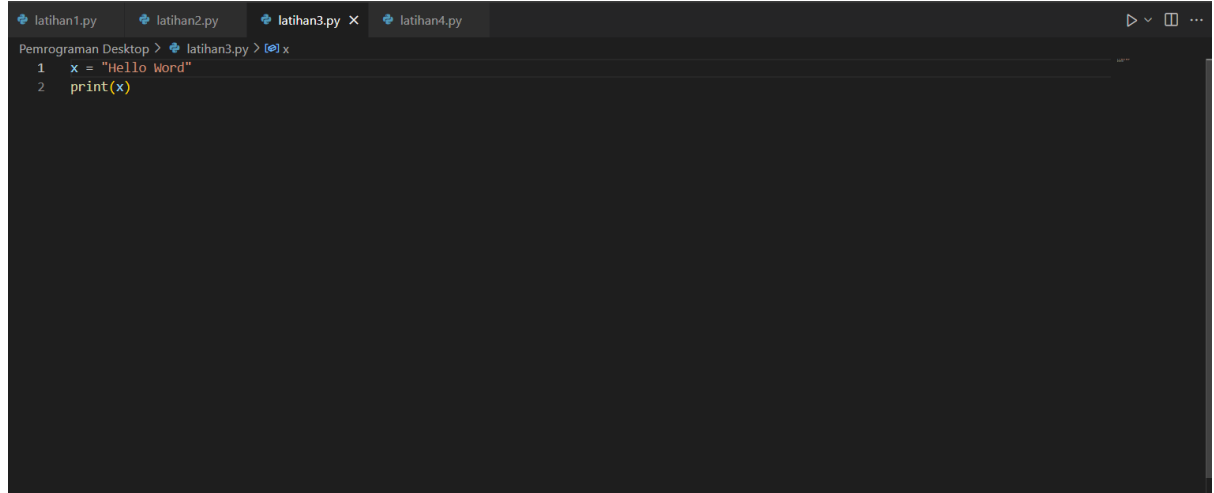
gambar syntax 10



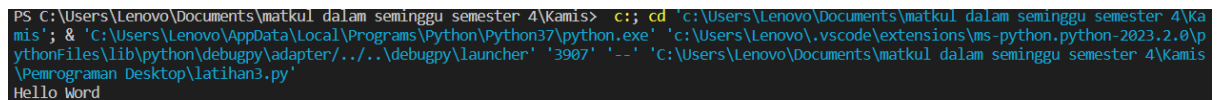
```
PS C:\Users\Lenovo\Documents\matkul dalam seminggu semester 4\Kamis> c:: cd 'c:\Users\Lenovo\Documents\matkul dalam seminggu semester 4\Kamis'; & 'c:\Users\Lenovo\AppData\Local\Programs\Python\Python37\python.exe' 'c:\Users\Lenovo\.vscode\extensions\ms-python.python-2023.2.0\pythonFiles\lib\python\debugpy\adapter\..\..\debugpy\launcher' '3894' '--' 'C:\Users\Lenovo\Documents\matkul dalam seminggu semester 4\Kamis\Pemrograman Desktop\latihan2.py'
Enter some words: Hello Word
Hello Word
```

gambar hasil 10

- Latihan3.py

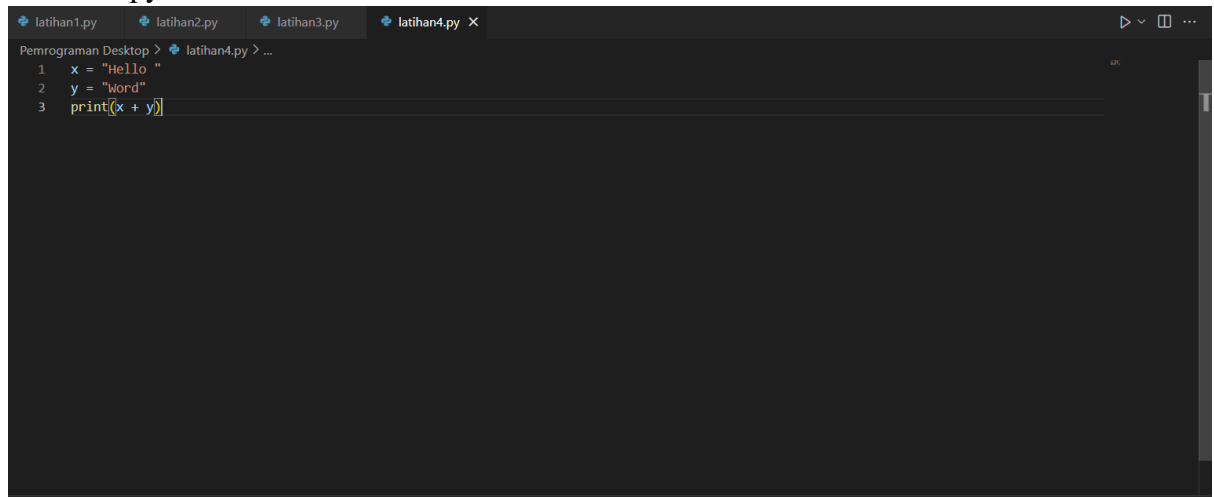


gambar syntax 11

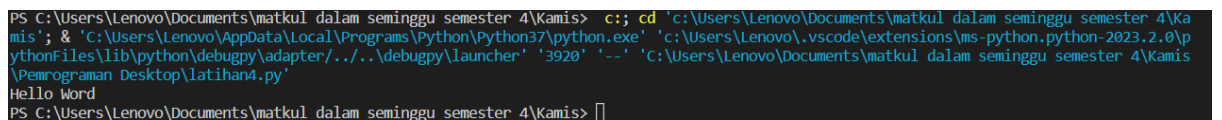


gambar hasil 11

- Latihan4.py



gambar syntax 12



gambar hasil 12

Analisis Perbandingan

- Notepad++ & Command Prompt
 - Kelebihan :
 1. Paling Ringan dibanding code editor lainnya

2. Memiliki size total aplikasi paling kecil

- Kekurangan :
 1. Tema dan warna font kurang menarik
 2. Run code python cukup ribet (salah satunya menggunakan command prompt)

- Pycharm Community

- Kelebihan :
 1. Memiliki fitur berlimpah untuk python
 2. Tema dan warna font yang cantik
 3. Run code python langsung di dalam aplikasi
- Kekurangan :
 1. Paling berat dibanding code editor lainnya
 2. Memiliki size total aplikasi paling besar diantara lainnya

- Visual Studio Code

- Kelebihan :
 1. Merupakan code editor populer
 2. Tema dan font berwarna
 3. Fitur cukup banyak
 4. Run code python langsung di dalam aplikasi
- Kekurangan :
 1. Harus install ekstensi python terlebih dahulu
 2. Cukup rumit untuk pemula