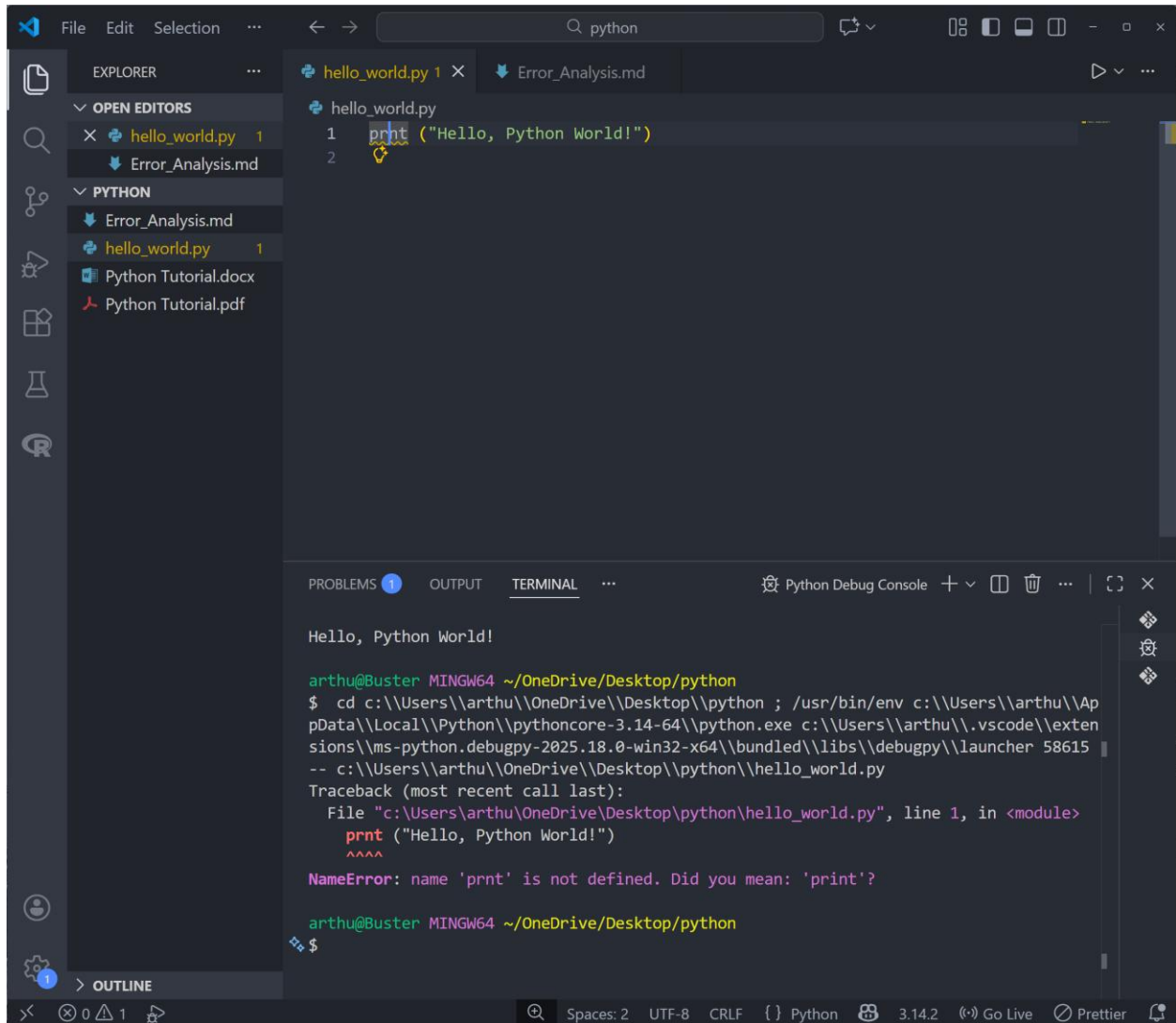


Hello World Typos



The screenshot shows the Visual Studio Code interface. In the Explorer panel on the left, the file `hello_world.py` is open. The main editor displays the following code:

```
1 print ("Hello, Python World!")
2
```

A yellow squiggly line under the word `print` indicates a warning. The TERMINAL panel at the bottom shows the command prompt output:

```
Hello, Python World!

arthu@Buster MINGW64 ~/OneDrive/Desktop/python
$ cd c:\\Users\\arthu\\OneDrive\\Desktop\\python ; /usr/bin/env c:\\Users\\arthu\\AppData\\Local\\Python\\pythoncore-3.14-64\\python.exe c:\\Users\\arthu\\.vscode\\extensions\\ms-python.debugpy-2025.18.0-win32-x64\\bundled\\libs\\debugpy\\launcher 58615 -- c:\\Users\\arthu\\OneDrive\\Desktop\\python\\hello_world.py
Traceback (most recent call last):
  File "c:\\Users\\arthu\\OneDrive\\Desktop\\python\\hello_world.py", line 1, in <module>
    prnt ("Hello, Python World!")
    ^^^^^
NameError: name 'prnt' is not defined. Did you mean: 'print'?
```

The error message clearly states that the name `prnt` is not defined, suggesting the correct name is `print`.

Typo that generates an error.

Python is telling us that it doesn't recognize `prnt` as a valid function. Since we misspelled `print` as `prnt`, Python cannot find it. This error occurs at runtime because Python interprets the code. When it encounters an unknown name, it immediately stops execution and reports the error rather than allowing the program to continue.

The screenshot shows the Visual Studio Code interface. The Explorer sidebar on the left lists files: `hello_world.py` and `Error_Analysis.md`. The Editor pane shows `hello_world.py` with the following code:

```
1 print ("Hello, Python Wrld!")
2
```

The Terminal pane at the bottom shows the execution of the script. It displays a traceback for a `NameError` because of the typo `prnt` instead of `print`. Below the error, the command prompt shows the script being run successfully, displaying the output `Hello, Python Wrld!`.

```
sions\\ms-python.debugpy-2025.18.0-win32-x64\\bundled\\libs\\debugpy\\launcher 58615
-- c:\\Users\\arthu\\OneDrive\\Desktop\\python\\hello_world.py
Traceback (most recent call last):
  File "c:\\Users\\arthu\\OneDrive\\Desktop\\python\\hello_world.py", line 1, in <module>
    prnt ("Hello, Python Wrld!")
    ^^^^^
NameError: name 'prnt' is not defined. Did you mean: 'print'?

arthu@Buster MINGW64 ~/OneDrive/Desktop/python
$ cd c:\\Users\\arthu\\OneDrive\\Desktop\\python ; /usr/bin/env c:\\Users\\arthu\\AppData\\Local\\Python\\pythoncore-3.14-64\\python.exe c:\\Users\\arthu\\.vscode\\extensions\\ms-python.debugpy-2025.18.0-win32-x64\\bundled\\libs\\debugpy\\launcher 50066
-- c:\\Users\\arthu\\OneDrive\\Desktop\\python\\hello_world.py
Hello, Python Wrld!

arthu@Buster MINGW64 ~/OneDrive/Desktop/python
$
```

Typo that did not generate an error.

Python interprets the string `"Hello, Python Wrld!"` as literal text that should be displayed. It doesn't check if the spelling or grammar of the content is correct, it just prints whatever is inside the quotes.