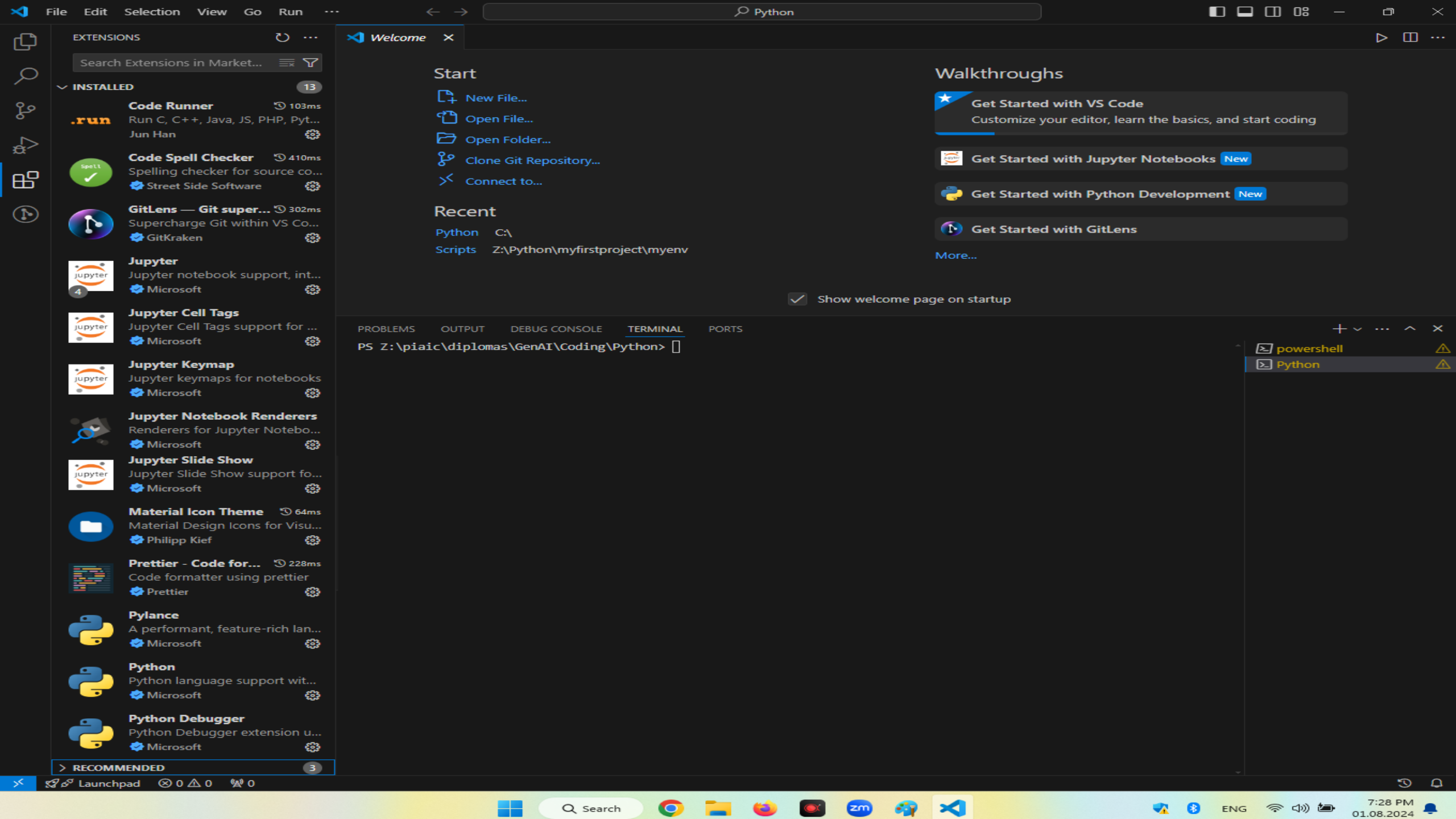
Setting up Development Environment

AMIR RASHID PIAIC107890


File Edit Selection View Go Run
Python
EXTENSIONS
Search Extensions in Market...
INSTALLED 13
Code Runner 103ms
Run C, C++, Java, JS, PHP, Pyt...
Jun Han
Code Spell Checker 410ms
Spelling checker for source co...
Street Side Software
GitLens — Git super... 302ms
Supercharge Git within VS Co...
GitKraken
Jupyter
Jupyter notebook support, int...
Microsoft
Jupyter Cell Tags
Jupyter Cell Tags support for ...
Microsoft
Jupyter Keymap
Jupyter keymaps for notebooks
Microsoft
Jupyter Notebook Renderers
Renderers for Jupyter Notebo...
Microsoft
Jupyter Slide Show
Jupyter Slide Show support fo...
Microsoft
Material Icon Theme 64ms
Material Design Icons for Visu...
Philipp Kief
Prettier - Code for... 228ms
Code formatter using prettier
Prettier
Pylance
A performant, feature-rich lan...
Microsoft
Python
Python language support wit...
Microsoft
Python Debugger
Python Debugger extension u...
Microsoft
RECOMMENDED 3
Welcome
Start
New File...
Open File...
Open Folder...
Clone Git Repository...
Connect to...
Recent
Python C:\
Scripts Z:\Python\myfirstproject\myenv
Walkthroughs
Get Started with VS Code
Customize your editor, learn the basics, and start coding
Get Started with Jupyter Notebooks New
Get Started with Python Development New
Get Started with GitLens
More...
Show welcome page on startup
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
PS Z:\piaic\diplomas\GenAI\Coding\Python>
powershell
Python
Launchpad 0 0 0
Search
ENG
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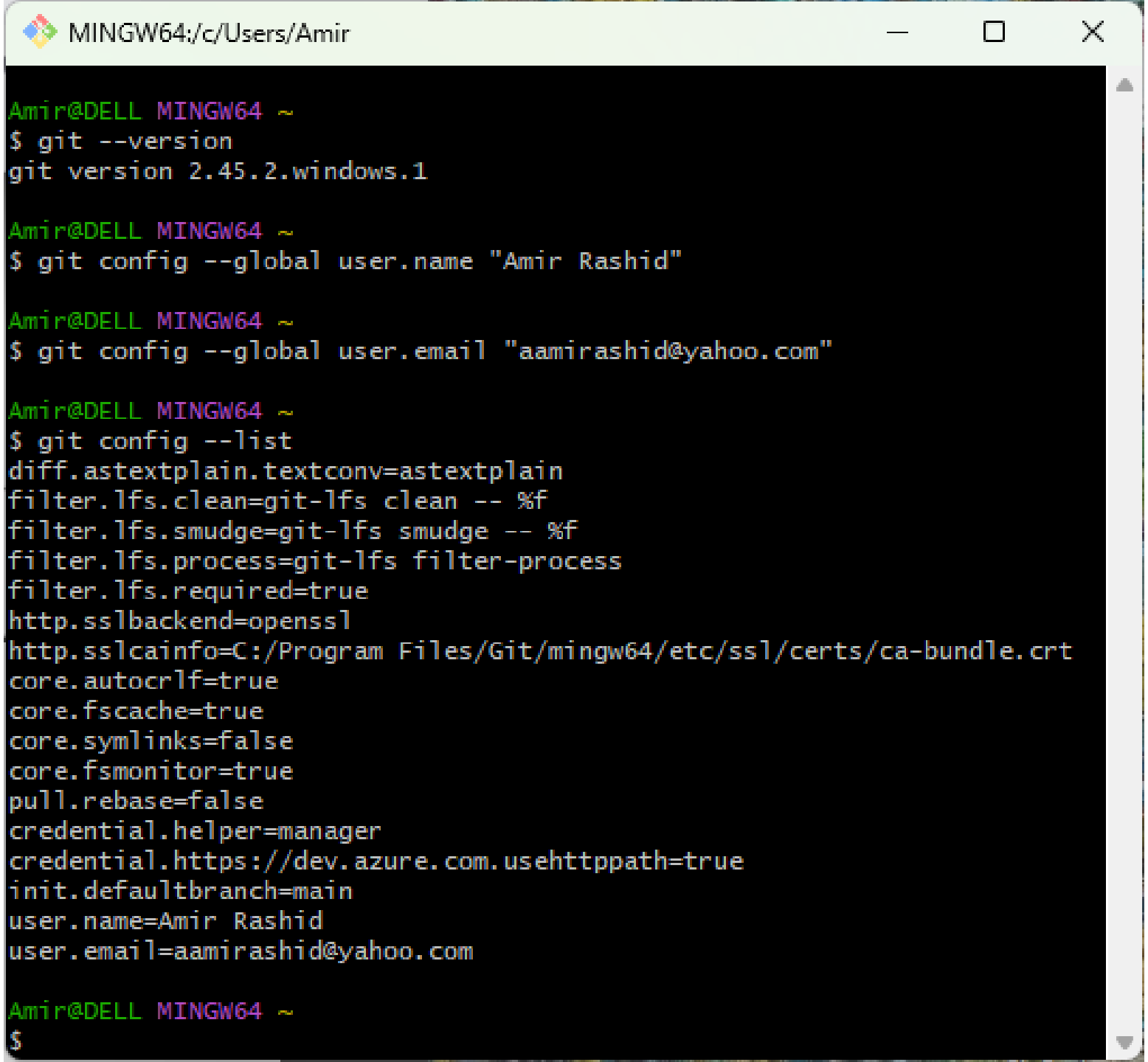
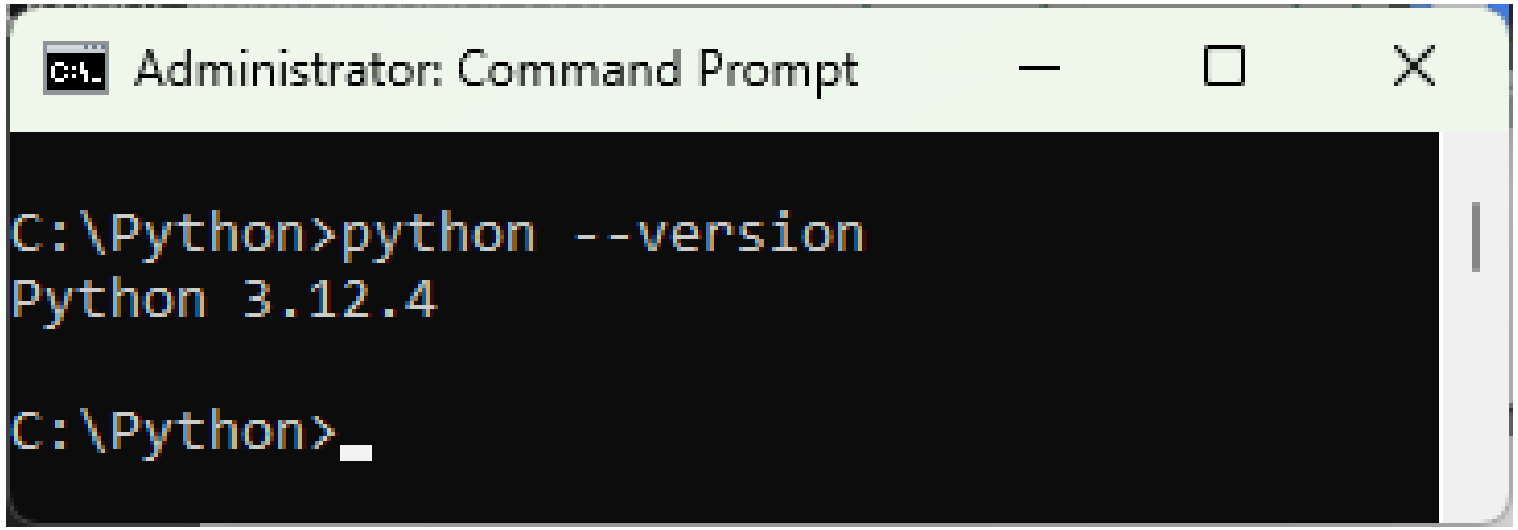

MINGW64:/c/Users/Amir
Amir@DELL MINGW64 ~
$ git --version
git version 2.45.2.windows.1
Amir@DELL MINGW64 ~
$ git config --global user.name "Amir Rashid"
Amir@DELL MINGW64 ~
$ git config --global user.email "aamirashid@yahoo.com"
Amir@DELL MINGW64 ~
$ git config --list
diff.astextplain.textconv=astextplain
filter.lfs.clean=git-lfs clean -- %f
filter.lfs.smudge=git-lfs smudge -- %f
filter.lfs.process=git-lfs filter-process
filter.lfs.required=true
http.sslbackend=openssl
http.sslcainfo=C:/Program Files/Git/mingw64/etc/ssl/certs/ca-bundle.crt
core.autocrlf=true
core.fscache=true
core.symlinks=false
core.fsmonitor=true
pull.rebase=false
credential.helper=manager
credential.https://dev.azure.com.usehttppath=true
init.defaultbranch=main
user.name=Amir Rashid
user.email=aamirashid@yahoo.com
Amir@DELL MINGW64 ~
$


Administrator: Command Prompt
C:\Python>python --version
Python 3.12.4
C:\Python>

Python Print Function Assignment

AMIR RASHID PIAIC107890

File Edit Selection View Go Run ··· Python

EXPLORER

PYTHON
- .ipynb_checkpoints
- .vscode
- print function assignment.py
- python01.ipynb

print function assignment.py

print function assignment.py > ...

```python
# Python Print Function Practice Questions
# 1. Basic Printing:
# Write a Python script to print the phrase 'Hello, World!'.
print("'Hello, World!'.")
# Print your first name.
print('Amir')
# 2. Printing Multiple Items:
# Print your first name and last name in a single print statement.
print ("Amir Rashid")
# Print the numbers 1, 2, and 3 in a single print statement.
print(1, 2, 3)
# 3. Printing Special Characters:
# Print a string that includes a newline character to display text on two lines. For example:
# Hello
# World
print("Hello\nWorld")
# Print a string that includes a tab character. For example:
# Hello World
print("Hello\tWorld")
# 4. Using the sep Parameter:
# Print three different words separated by commas. For example: 'apple, banana, cherry'.
print ('apple', 'banana', 'cherry', sep=', ')
# Print three different numbers separated by hyphens. For example: '1-2-3'.
print (1, 2, 3, sep='-')
# 5. Using the end Parameter:
# Print two words on the same line with a space in between. For example: 'Hello World'.
print('Hello','World', end=' ')
# Print the numbers 1 and 2 on the same line without a space in between. For example: '12'.
print('\n',1,2, sep='')
# 6. Escape Characters:
# Print a string that includes double quotes. For example: He said, "Hello!".
print('He said, "Hello".')
# Print a backslash character. For example: This is a backslash: \.
print("This is a backslash: \\.")
# 7. Combining Text and Numbers:
# Print your age alongside a descriptive message. For example: 'I am 20 years old'.
age = 59
print(f"'I am {age} years old'.")
# Print a number and a string together. For example: 'The number is 5'.
number = 5
print(f"'The number is {number}'.")
# 8. Basic loop Printing:
# Print the numbers 1 to 5, each on a new line using separate print statements.
print(1,2,3,4,5, sep='\n')
```

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PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

```
PS Z:\piaic\diplomas\GenAI\Coding\Python> python '.\print function assignment.py'
'Hello, World!'.
Amir
Amir Rashid
1 2 3
Hello
World
Hello   World
apple, banana, cherry
1-2-3
Hello World
12
He said, "Hello".
This is a backslash: \.
'I am 59 years old'.
'The number is 5'.
1
2
3
4
5
PS Z:\piaic\diplomas\GenAI\Coding\Python>
```

powershell
Python

OUTLINE
TIMELINE

Launchpad 0 0 0 Ln 30, Col 1 Spaces: 4 UTF-8 CRLF Python 3.12.4 64-bit Spell Prettier

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