

**You**

I want to run a Python3 script with the .py extension in the Windows command terminal.

The Python3 executable is installed in C:\python3\.

How can I make the C:\python3\python3.exe execute a given Python script "abc.py" by:

\$ abc.py param1 param2

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To run a Python script with the `.py` extension directly from the Windows command terminal, you need to make sure that the Python executable (`python3.exe`) is correctly set up in your system's PATH environment variable. Additionally, you can associate the `.py` file extension with the Python interpreter. Here's a step-by-step guide to achieve this:

### Step 1: Add Python to the PATH environment variable

1. Right-click on 'This PC' or 'Computer' on your desktop or in File Explorer and select 'Properties'.
2. Click on 'Advanced system settings' on the left sidebar.
3. In the System Properties window, click on the 'Environment Variables...' button.
4. In the Environment Variables window, find the 'Path' variable in the System variables section and select it. Click on 'Edit...'.
5. In the Edit Environment Variable window, click on 'New' and add the path to your Python installation directory: `C:\python3\`.
6. Click OK to close all windows.



### Step 2: Associate `.py` files with the Python interpreter

1. Open a Command Prompt with administrative privileges. You can do this by searching for `cmd`, right-clicking on 'Command Prompt', and selecting 'Run as administrator'.
2. Execute the following commands to associate `.py` files with `python3.exe`:

```
sh
assoc .py=Python.File
ftype Python.File=C:\python3\python3.exe "%1" %*
```

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### Step 3: Verify the setup

1. Open a new Command Prompt (important to make sure the environment variable changes take effect).
2. Navigate to the directory where your `abc.py` script is located. You can do this using the `cd` command:

```
sh
cd path\to\your\script
```

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3. Execute your script with the desired parameters:

```
sh
abc.py param1 param2
```

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By following these steps, you should be able to run your Python script directly from the command terminal by typing the script name along with any parameters, without needing to explicitly invoke the Python interpreter every time.



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