Step-by-step guide to create an executable (.exe) file for your Tkinter application using Python 3.12.5 with PyInstaller.

**Step 1: Install Python 3.12.5**

1. **Download Python 3.12.5**:
   * Go to the [Python official website](https://www.python.org/downloads/release/python-3125/) and download the Windows installer for Python 3.12.5.
2. **Install Python**:
   * Run the installer. Make sure to check the box that says **"Add Python to PATH"** during installation.
   * Choose the installation options you prefer and complete the installation.

**Step 2: Install PyInstaller**

1. **Open Command Prompt**:
   * Press Win + R, type cmd, and hit Enter.
2. **Install PyInstaller**:
   * In the command prompt, run the following command:

bash

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pip install pyinstaller

**Step 3: Prepare Your Application Files**

1. **Organize Your Files**:
   * Make sure your main.py and getguisecret.py files are in the same directory.

**Step 4: Create the Executable with PyInstaller**

1. **Navigate to Your Project Directory**:
   * Use the cd command in the command prompt to navigate to the directory where your Python files are located. For example:

bash

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cd C:\path\to\your\project

1. **Run PyInstaller**:
   * To create a standalone executable, run:

bash

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pyinstaller --onefile --windowed main.py

* + This command will create an executable without a console window appearing when you run your application.

**Step 5: Locate Your Executable**

1. **Find the Executable**:
   * After running the above command, a new folder named dist will be created in your project directory.
   * Inside the dist folder, you will find main.exe.

**Step 6: Test Your Executable**

1. **Run the Executable**:
   * Double-click on main.exe in the dist folder to test it.
   * Ensure that the application runs as expected.

**Step 7: Distribute Your Executable**

1. **Copy the Executable**:
   * You can now copy main.exe to any Windows machine to run it.
   * Make sure that any necessary files (like getguisecret.py if needed) are also included, or ensure that the dependencies are met.

**Optional Step: Add an Icon to Your Executable**

If you want to include an icon for your application:

1. **Create or Download an Icon**:
   * Make sure your icon file is in .ico format.
2. **Run PyInstaller with Icon Option**:
   * Use the following command to create an executable with an icon:

bash

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pyinstaller --onefile --windowed --icon=youricon.ico main.py

**Final Notes**

* If your application uses external files or libraries, make sure they are properly referenced or included.
* If you encounter any errors during the PyInstaller process, read the error messages carefully, as they often indicate what went wrong.

Now you should have a functioning .exe file for your Tkinter application! Let me know if you need further help with any of these steps.