How to Run TaskPilot:

For users new to TaskPilot, here is a step-by-step guide on how to run the software:

Step 1: Clone or Download the Repository:

The TaskPilot project is available on GitHub. To get started, the user should clone or download the repository to their local machine. They can do this by clicking on the "Clone" or "Download" button on the repository's GitHub page.

Step 2: Install Python:

Ensure that Python is installed on the user's computer. TaskPilot is developed using Python, so having Python installed is a prerequisite. The user can download the latest version of Python from the official Python website and follow the installation instructions.

Step 3: Install Required Libraries:

TaskPilot uses the Tkinter library for GUI development, which is included in the standard Python library. There are no additional libraries required to be installed.

Step 4: Open the TaskPilot Folder:

Once Python is installed, the user needs to navigate to the TaskPilot folder that they cloned or downloaded from the repository. They can open the folder in their favorite code editor or directly in their operating system's file explorer.

Step 5: Run the Task Manager:

In the TaskPilot folder, the user will find a Python script named task_manager.py. They can run the script by opening a terminal or command prompt, navigating to the TaskPilot folder, and typing the following command:

Copy code:

```
#python task_manager.py
```

Step 6: Use TaskPilot:

After running the script, the TaskPilot application will open in a new window. The user will be prompted with a welcome message and asked if they are new to the software. They can type 1 if they are new and 0 if they already have an account.

If the user is new:

They will be asked to create a username and password for their account.

After setting up the account, they will be prompted to log in using the newly created credentials.

Once logged in, they can use the various options to manage their tasks, update task status, and view task data.

If the user already has an account:

They will be asked to enter their username and password to log in.

After successful login, they can proceed to manage their tasks using the available options.

Step 7: Exit TaskPilot:

To exit TaskPilot, the user can simply close the application window. The data and account information will be saved and can be accessed the next time they run the script and log in with their credentials.

By following these steps, users new to TaskPilot can easily run the application, create an account, and start managing their tasks efficiently.