step-by-step installation instructions to run `server.py` as a service daemon:

1. **Prepare Your Python Script:**
   - Make sure your Python script (`server.py`) is located in a directory of your choice. Ensure the script is executable.

2. **Create a Log Directory:**
   - Create a directory to store log files. For example, create a directory named `logs` in your project directory (`/path/to/logs/`).

3. **Create a Service File:**
   - Create a new service file for your Python script. You can name it as `filename.service`.
   - Open a text editor and paste the service configuration provided in the sample below into the file.

```
**SAMPLE SERVICE FILE**
[Unit]
Description=introductory_test.service


[Service]
Type=simple
User=root
Group=root
ExecStart=/usr/bin/python3 /introductory-test/src/server.py
WorkingDirectory=/tmp
Restart=always
Nice=19
LimitNOFILE=16384
StandardOutput=file:/introductory-test/logs/serveroutput.log
StandardError=file:/introductory-test/logs/server.log


[Install]
WantedBy=multi-user.target
```

4**. Adjust Service Configuration:**
   - Adjust the `ExecStart` directive in the service file to point to the location of your Python script (`server.py`).
   - Modify the `WorkingDirectory` directive to specify the directory containing your Python script.
   - Update the `StandardOutput` and `StandardError` directives to specify the path to your log file.

5. **Save the Service File:**

- Save the service file (`introductory_test.service`) in the directory `/etc/systemd/system/`.
OR you may use this command to create a symbolic link to place where you service file is located

sudo ln -s /introductory-test/introductory_test.service /usr/lib/systemd/system/introductory_test.service

6. **Set Permissions:**
- Ensure that the service file has the correct permissions. It should be readable by everyone and writable only by root.
- You can set the permissions using the following command:
```bash
sudo chmod 644 /etc/systemd/system/introductory_test.service
```

7. **Reload systemd Manager Configuration:**
- After creating or modifying a service file, you need to reload the systemd manager configuration to apply the changes:
```bash
sudo systemctl daemon-reload
```

8. **Start the Service:**
- Start the service using the following command:
```bash
sudo systemctl start introductory_test.service
```
or restart your service using this command
```bash
sudo systemctl restart introductory_test.service
```

9. **Check Service Status:**
- You can check the status of your service to ensure it's running without errors:
```bash
sudo systemctl status introductory_test.service
```

10. **Enable Automatic Start (Optional):**
- If you want the service to start automatically at system boot, you can enable it using the following command:
```bash
sudo systemctl enable introductory_test.service
```

```

11. **Verify Logs:**
    - After starting the service, verify that the log file (`server.log`) is being created in the specified directory (`/introductory-test/logs/`). You can check the log file for any output from your Python script.

That's it! Your Python script should now be running as a service daemon, and its output should be logged to the specified log file. You can monitor the service's status, stop or restart it, and view its logs using systemd commands.
```