The following will serve as an instruction set for compiling and running the 3d printer device driver.

The following are requirements that the user must have.

- Computer with Linux installed

Steps:

1. Download the tarball assignment.
    - Link on website.
2. Open a terminal window:
3. Run the following commands:

    ```
    $ tar -xvzf nameOfTarball
    $ cd assign5
    $ make
    ```

4. Open a new terminal window to run the server

    ```
    $ ./server
    ```

5. Go back to the other window and run the following command

    ```
    $ ./a5verify
    ```

    If the user desires to observe the time it took the program to run
    ```
    $ time ./a5verify
    ```

NOTE: do not type $ in the terminal, it is used as common reference when coding in the terminal.

Those were some steps that must be used when running the assignment.

To deploy the website on github the following steps must be made, taken from the original steps.

After the repository is created, run the following commands on a terminal window:

1. Clone the repository to have access to the website:

```
$ git clone https://github.com/username/username.github.io
```

2. Create a new file to submit to the website

```
$ cd username.github.io
$ echo "Hello World" > index.html
```

3. Add the file to the repository, commit it(Which is a message describing the actions taken) and push it which is put it online.

```
$ git add –all
$ git commit -m "Initial commit"
$ git push -u origin master
```

I hope these set of instructions will help understand how to run code written in C on a Linux machine and deploy a file onto a website. Should you have any questions, please feel free to contact me at kevin.cohen26@gmail.com