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## Link to Github repository:

https://github.com/tanboonji/OTOT Assignment/tree/main/OTOT Task A1

Instructions on how to run the Docker container:

1. Open cmd, navigate your directory to the `OTOT\_Task\_A1` folder.

```
D:\Project Folder\OTOT>cd OTOT_Task_A1
D:\Project Folder\OTOT\OTOT_Task_A1>
```

2. Start the reverse proxy and nginx web servers by using the command `docker-compose up` and wait for the images to build and run.

(Ensure you have Docker running on your computer)

```
D:\Project Folder\OTOT\OTOT_Task_A1>docker-compose up_
```

3. Once 'taska1\_reverse-proxy', 'taska1\_nginx-1' and 'taska1\_nginx-2' are up and running

Open your web browser, and go to either:

- 1) <a href="http://localhost:80/client">http://localhost:80/client</a>
- 2) <a href="http://localhost:80/server">http://localhost:80/server</a>

Any sub domain of <a href="http://localhost:80/client">http://localhost:80/client</a> will direct you to nginx-1 web server, while any sub domain of <a href="http://localhost:80/server">http://localhost:80/server</a> will direct you to nginx-2 web server.

Any other sub domains on <a href="http://localhost:80/">http://localhost:80/</a> other than the two stated above, the reverse-proxy will return you a default 404 Not Found static HTML page.

Any other relevant learnings:

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