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Assignment Name: Assignment 2

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1. **nginx.conf:** This NGINX configuration file specifies the path that inbound traffic will take to reach the web service container through the load balancer. It transmits requests to the web service operating on port 5000 via port 80, where it listens.

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1. **config.json:** This configuration file contains the message that the web service will return when accessed. You may simply modify it to change the message.

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1. **app.py:** The Python Flask application acts as our web service. It reads a message from a configuration file (config.json) and returns it as a JSON response when accessed.

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1. **Dockerfile:** The instructions in this file will help you create the web service's Docker image. It installs Flask, copies the required code, configures a Python environment, and opens port 5000 for communication.

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1. **docker-compose.yml:** The web service and the load balancer are the two services that are especially needed for this project, and they are defined and coordinated in this file. It guarantees that the containers are correctly networked and enables us to start both of them with a single command.

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1. README.md: This is the readme file for understanding this project.

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