Instructions to run the docker container

1. Pull the Image from Docker Hub

docker pull chamika55/flaskapp:compare\_strings

1. Build the docker image

docker build . -t chamika55/flaskapp

1. Run the following commands

docker run -it -d -p 5000:5000 chamika55/flaskapp

docker run chamika55/flaskapp

1. I used Postman to test the API, please refer to the screenshot below. Once you send the JSON , “similarity” value will return along with the strings.

A screenshot of a social media post

Description automatically generated

Use the following URI to access the API endpoint

<http://127.0.0.1:5000/comapre_strings>

Sample JSON payload

*{*

*"string1": "The easiest way to earn points with Fetch Rewards is to just shop for the products you already love. If you have any participating brands on your receipt, you'll get points based on the cost of the products. You don't need to clip any coupons or scan individual barcodes. Just scan each grocery receipt after you shop and we'll find the savings for you",*

*"string2": "The easiest way to earn points with Fetch Rewards is to just shop for the items you already buy. If you have any eligible brands on your receipt, you will get points based on the total cost of the products. You do not need to cut out any coupons or scan individual UPCs. Just scan your receipt after you check out and we will find the savings for you",*

*"order\_of\_words": "False"*

*}*

You can use different string to compare by changing “string1” and “string2” value.

If you want to check the similarity by the ordering of words , make “order\_of\_words” value as “True”, else “False”.