Part 1: URL Shortener

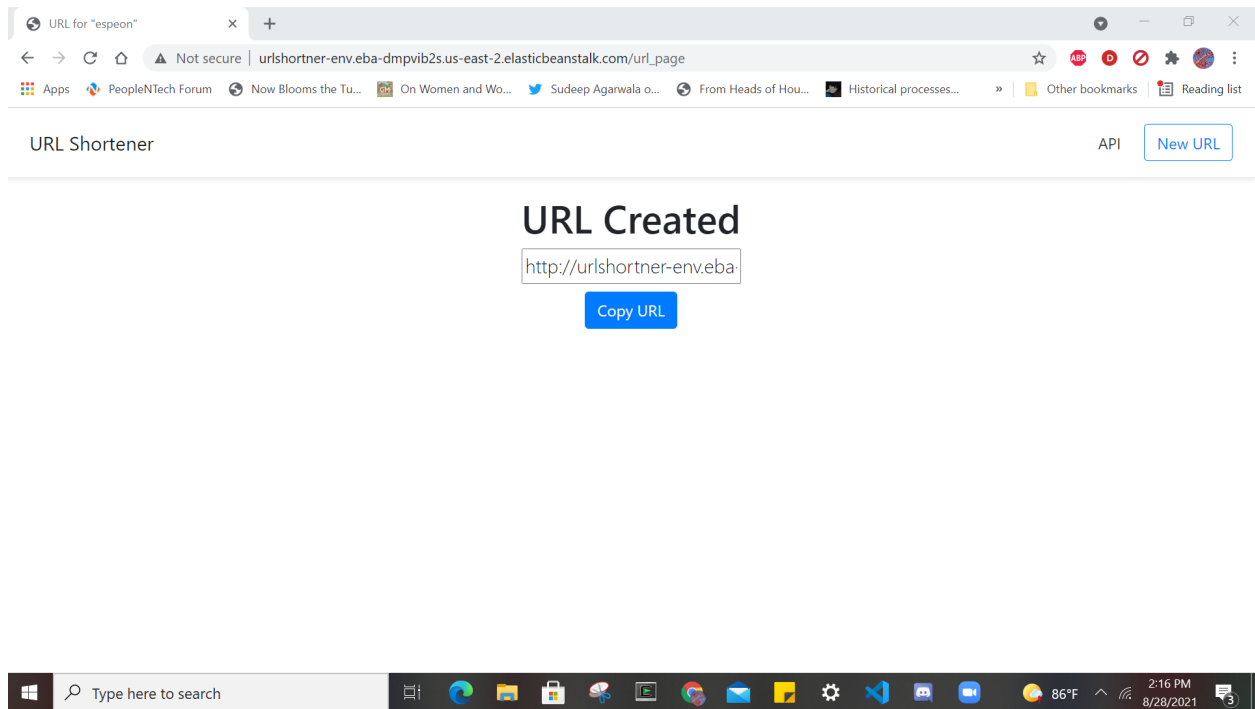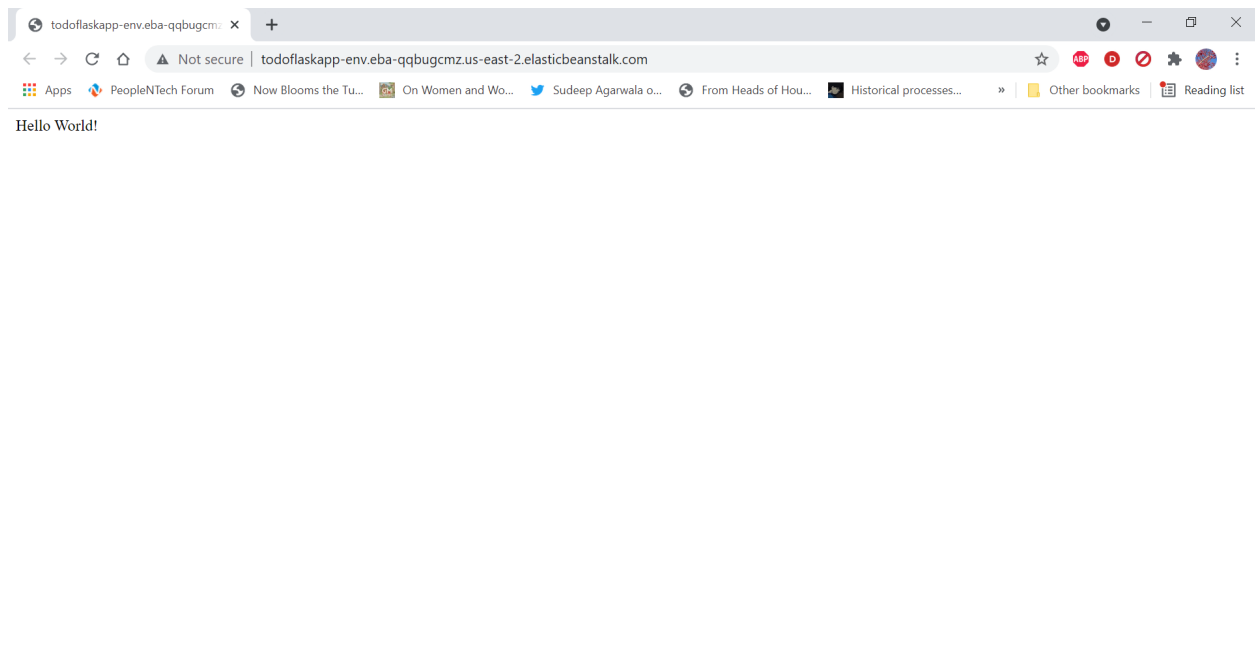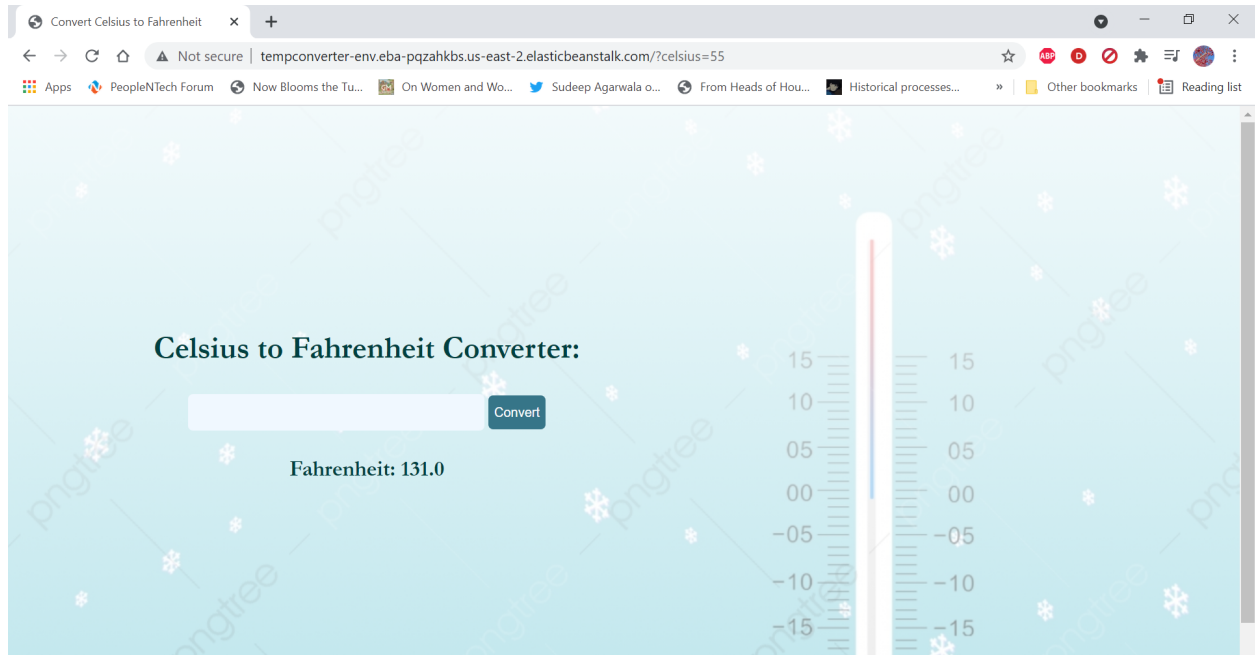http://urlshortner-env.eba-dmpvib2s.us-east-2.elasticbeanstalk.com/espeon

Part 2: To Do Flask App

Part 3: Custom App: Temperature Converter

Deployment from EBS

Problems I Faced During the Assignment:

1. Requirements.txt: I've discovered that importing my own requirements.txt files into my repositories caused the programs to not run. The solution is to use the requirements.txt file provided by Kura Labs.
2. The application.py file needs to have the flask app be declared a variable before it can be deployed.
3. I had some iterations of my code. At first, I wasn't able to get the temperature converter to work. There was a button with an input field, but it only returned the user input without converting it. The solution was to import Flask's request object, which would store the user input, and fetch it so it could be used in the function.
4. I had a lot of trouble with my beanstalk environments degrading. I noticed that after a few times a Jenkins build failed, the environment would degrade.