

- **Who:**

Rami Alqunaibit
Rasmi Lamichhane
Ehsan Karimi
Sarah Barili

- **Title:** Data Visualization Webpage

- **Vision statement:** A graph visualization of the United States' annual carbon emissions (CO2) in various years in units of million metric tons.

- **Automated Tests:** For this part Selenium IDE 2.9.1 was used. The link for this tool:

<http://addons.mozilla.org/en-US/firefox/addon/selenium-ide/>

This tool helps in terms of web pages, since it tests the pages after recording a human based test. In addition, there is option to change the code to py, which is the language that we used for our project. The script and the python testing file can be found in the directory /testing. The main target of testing is the 4 pages that are linked to the buttons in header. While testing the button's functionality the code checks if the function loops through all the states by checking the total emissions of Colorado.

This photo is from my laptop showing the result with no errors:

