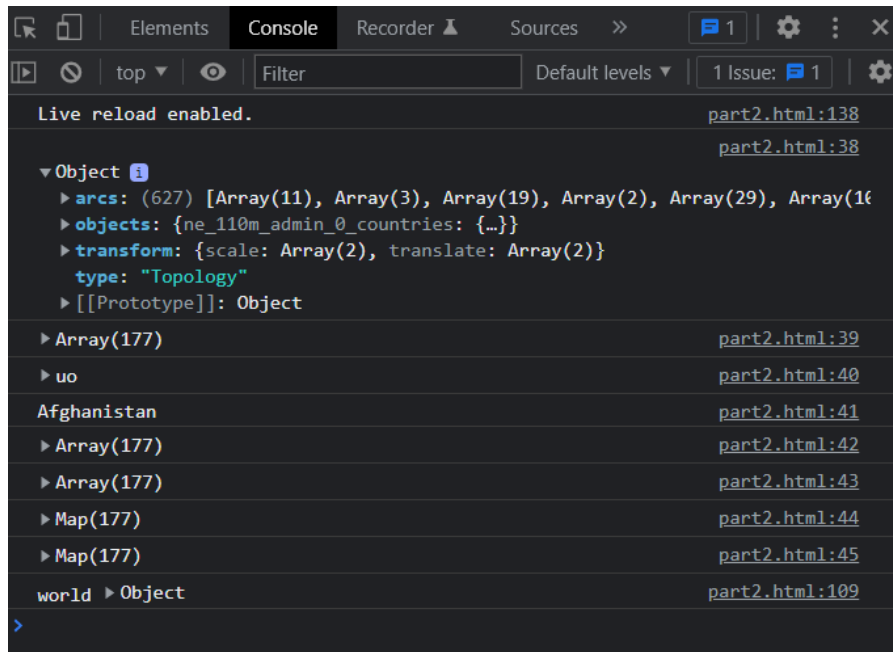


Natalie Roy
Lab 3
Part 2:

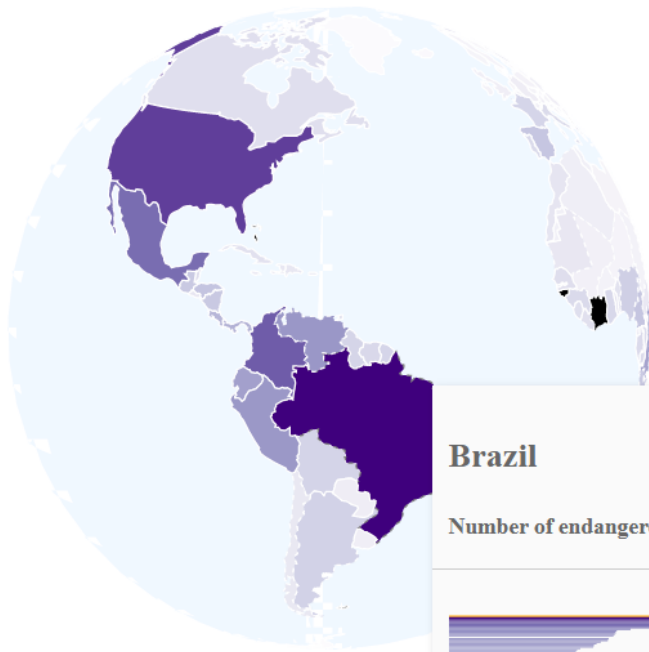
Task 1: In your turn, present code output from Console (screenshot) and briefly explain 8 newly defined variables, respectively.



- The 8 new variables:
 - world: the entirety of world-110.json
 - data: the entirety of forests.csv
 - countries: grabs "ne_110m_admin_0_countries" from the world data, a.k.a the geometry collections of the dataset.
 - forest: grabs all of the country names from the forests csv.
 - forestsSorted: an array that sorts the forests dataset by how much forest percentage they have in descending order.
 - countryList: an array of just the country names, still in the order previously determined in forestsSorted.
 - forestbyCountry: returns a map of country names and their forest percentages.
 - forestbyCountrybyArea: returns a map of country names and their forest areas.

Make a new choropleth map:

For my map, I decided to utilize data from the [IUCN](#), which lists the number of threatened species per country. After cleaning the data to ensure the countries matched our JSON file, I was able to have my map display the number of endangered species in each country, complete with a choropleth map and bar chart showing all the information the previous map had.



Brazil

Number of endangered species: 10238

