Alexandra Tutino Unit Tests:

EC: Bee Swarm

Do the buttons work?
Test Case: Press different buttons for different years
Expected outcome: bee swarm changes depending on the year

Are the buttons located in the same svg as the visual?
Test Case: load web page
Expected outcome: buttons are directly below the svg and not below the footer

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EC: Sunburst

Does the hover work?
Test Case: hover the mouse over either a glacier or a data space for the glacier
Expected outcome: either the glacier name or the month/mass for the space shows up

Can we zoom into the sunburst?
Test Case: click any of the glaciers or the data space
Expected outcome: only the info for the glacier, or the data space, is zoomed into

Can we zoom out of the sunburst?
Test Case: click the middle circle when zoomed into the sunburst
Expected outcome: if we are at a data space and we click the glacier circle, we see all the data
for the glacier. If we are at a glacier space, we go back to the main sunburst
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Problems: Bee Swarm

- Values marking the y axis (showing which mm are where) do not show up
- Bee swarm, when clicking on it, does not show the value of each dot (the month and the
  recorded mm for the month)
- Cannot unclick a dot
- CSS issues
- ViCC button not within bar?
- Not scalable (I don't think the project is though)

Problems: Sunburst

- Runs incredibly slow
- Sometimes because it runs so slow, it glitches when zooming in or out of the sunburst
- Hover takes a while because of speed
- When hovering over a glacier, it takes the sum of each year's mass
- Only the larger values show when not hovering over the sunburst
- CSS issues
- ViCC button not within bar?
- Not scalable (I don't think the project is though)