

Exercise

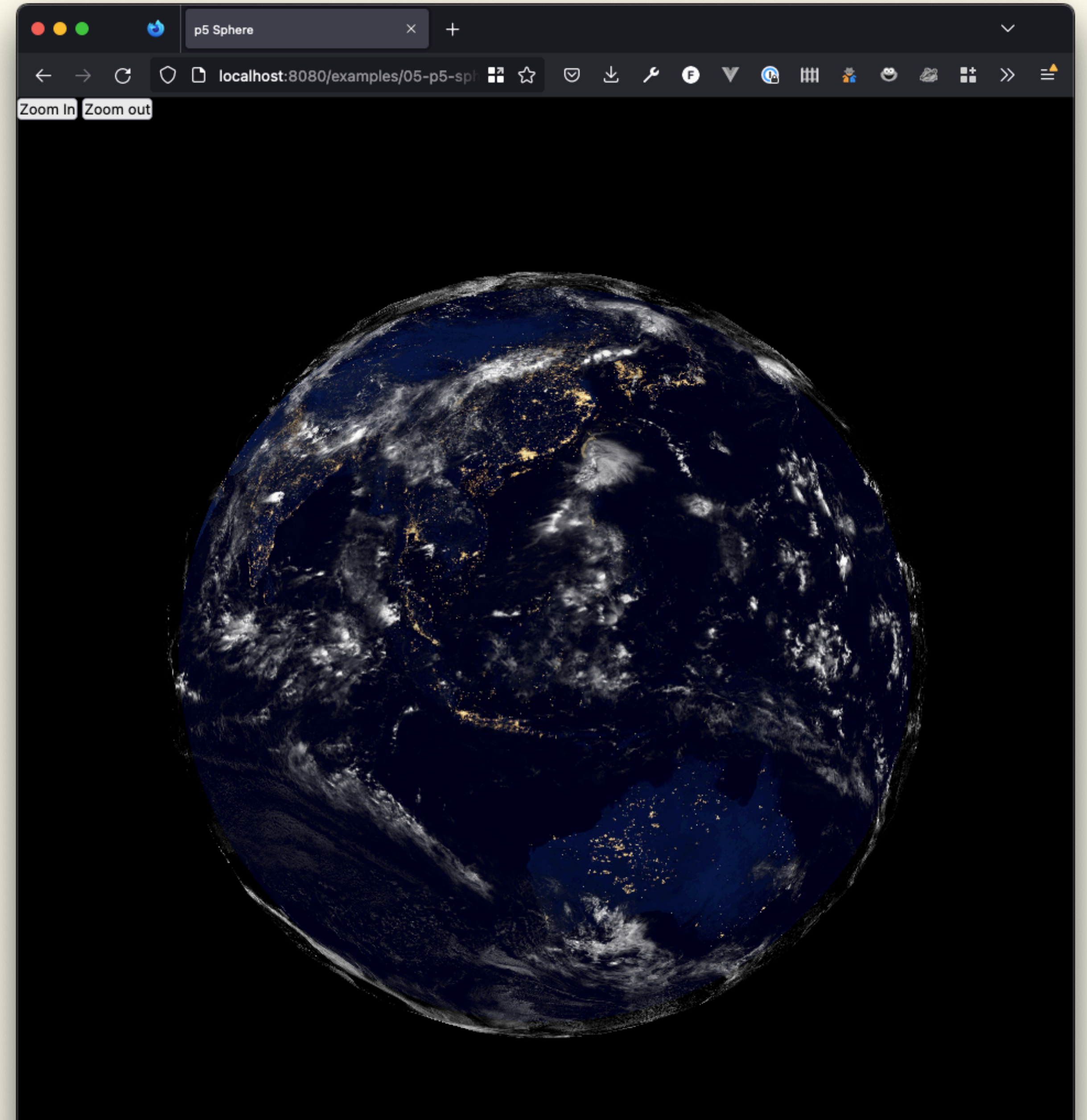
- Draw mapped data points on to y-axis
- Add labels for each data point:
 - City name
 - Temperature
- Add UI elements (axes)

Exercise

- Going through together...
- downloads.jonasscheiwiller.ch/zhdk/04-display-data-p5b.zip (see email)

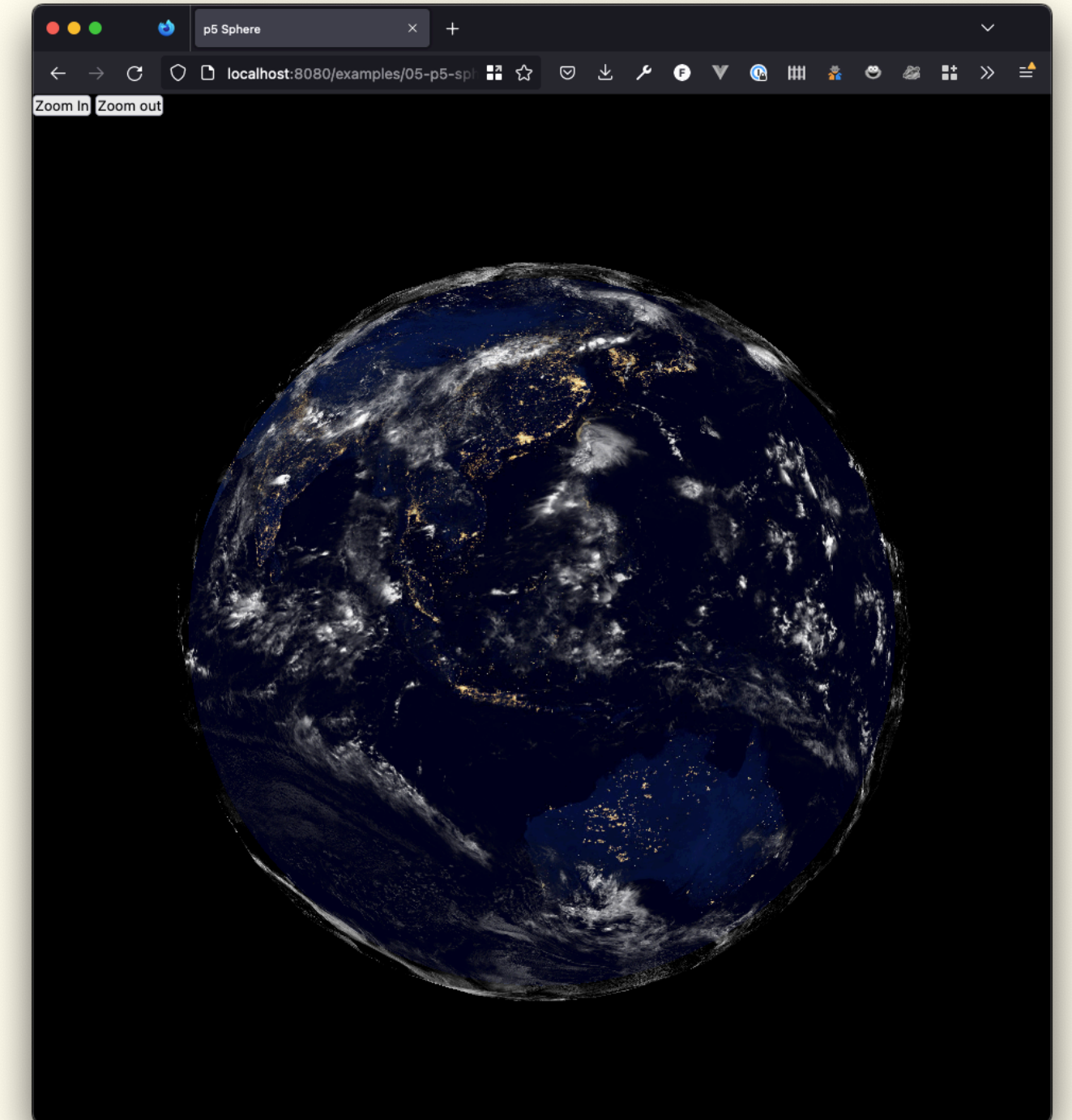
3D Sphere

- Download and run the example code.
- downloads.jonasscheiwiller.ch/zhdk/05-p5-sphere.zip



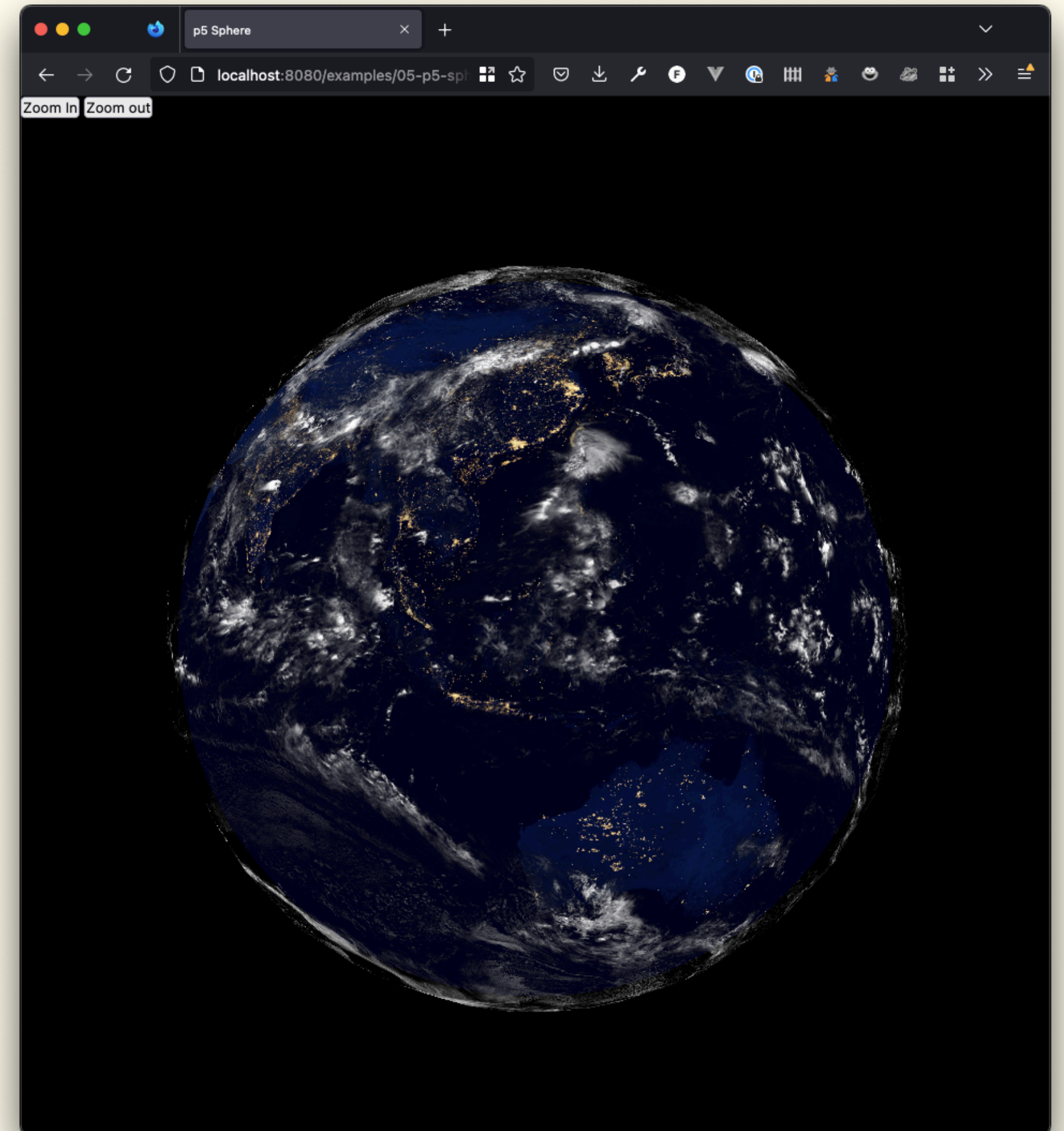
Exercise

- Try to understand the code and write down two questions about it.



Exercise 2

- Try to add more interactivity.
 - e. g. Rotation controls

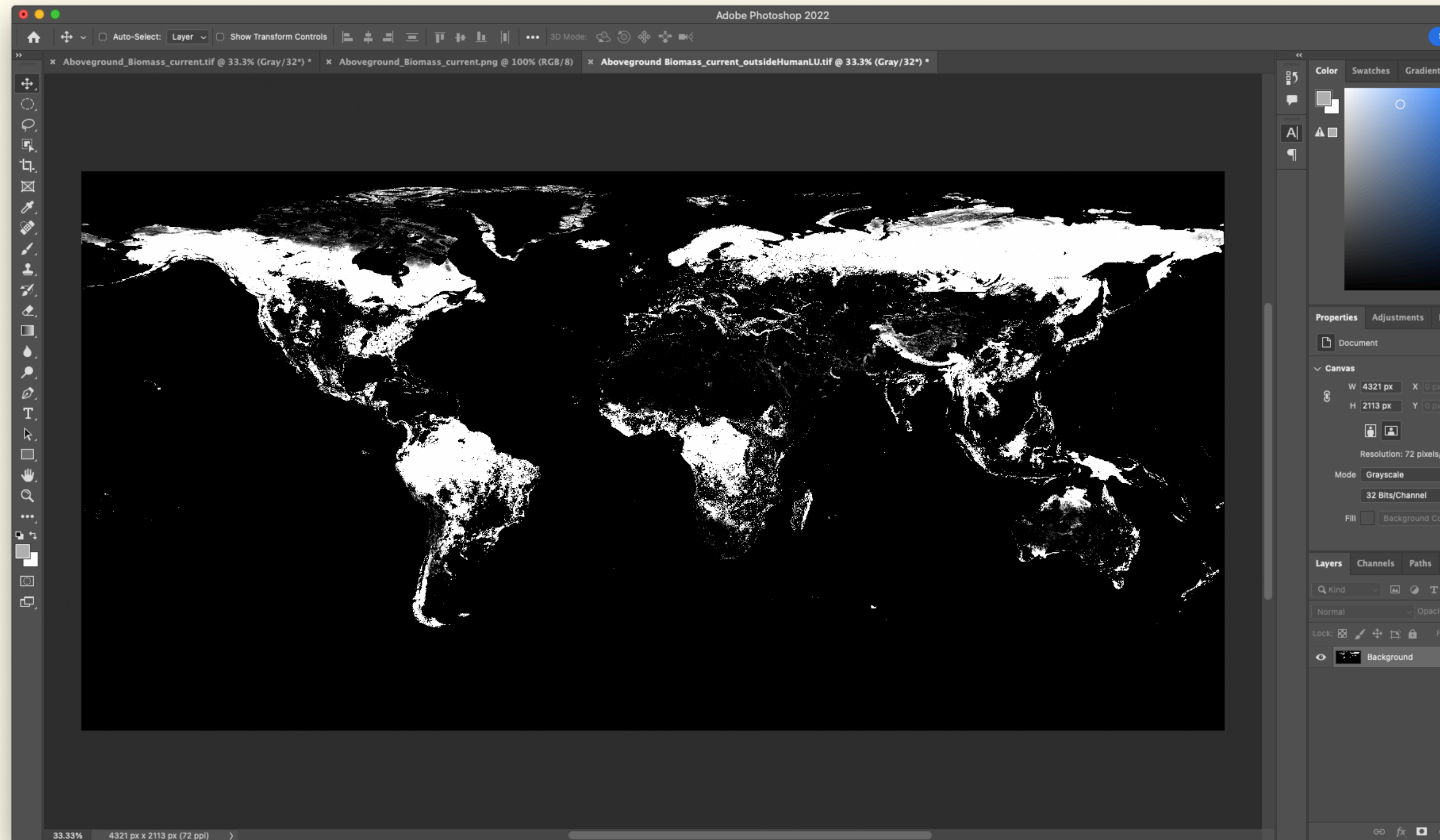


Exercise 3

- Get familiar with the data from crowther lab (geoTiffs):

[https://
downloads.jonasscheiwiller.ch/
zhdk/crowther_lab_data.zip](https://downloads.jonasscheiwiller.ch/zhdk/crowther_lab_data.zip)

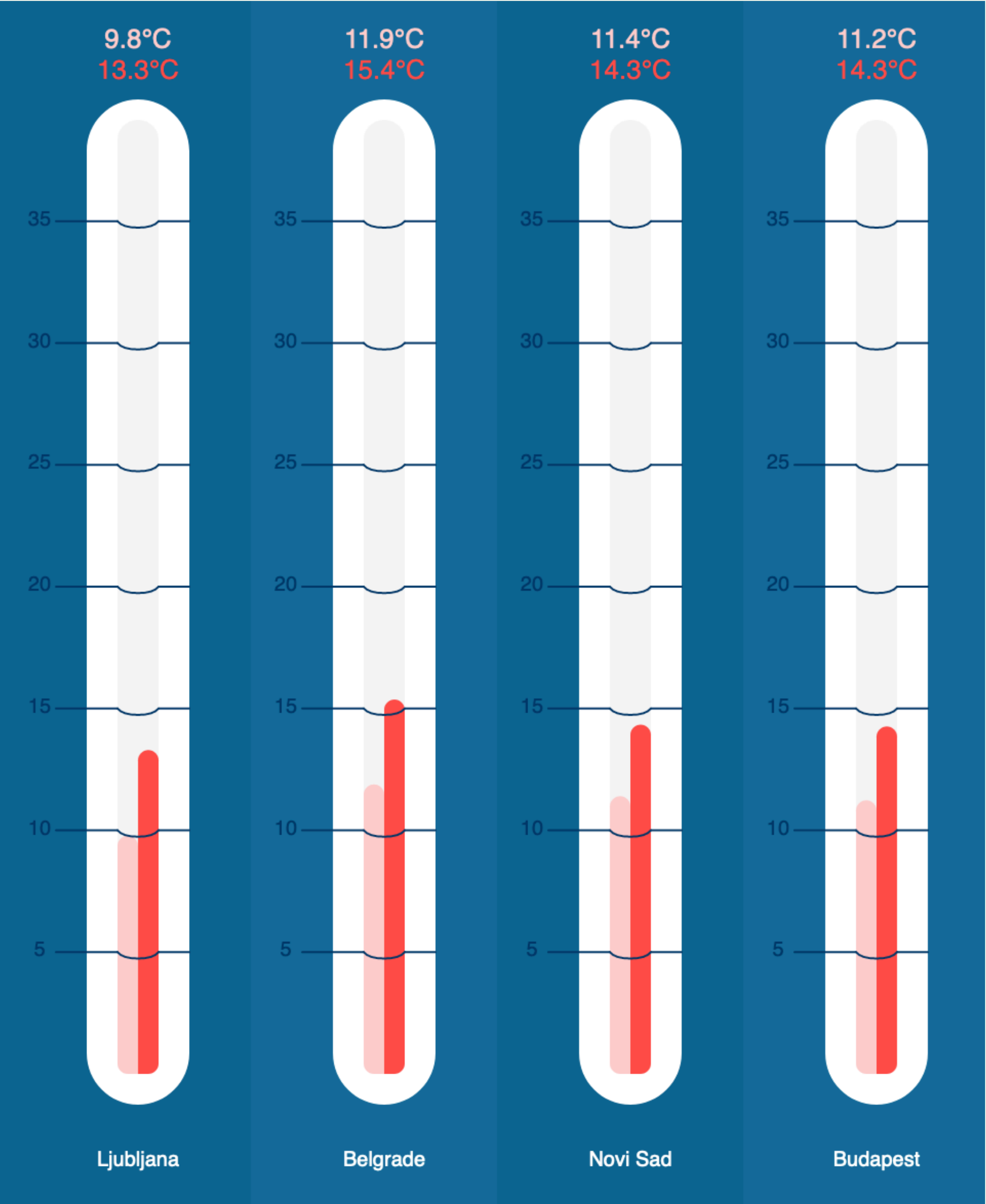
- Questions?
- Try to load crowther lab data into your sphere.
- (Don't forget to commit every now and then)



Homework

- Try to bring another simple visualization with the same data on to your screen.
 - a bar-chart
 - a plot changing color for each data member depending on temperature
 - ...

Keep it simple for this exercise!



- Budapest-545
- Milan-994
- Tbilisi-530
- Rostov-599
- Konya-483
- Skopje-517
- Berlin-583
- Paris-685
- Seattle-958

Homework

1. Make a small **drawing** that shows, what you want to achieve
2. Break down your code into **small steps**
3. Write code, commit and push to your **repository**.
4. **Publish** it (e.g. via Github Pages)
5. **Hand in** your code via link to your files (**Github**) and to your **published sketch** on <https://docs.google.com/spreadsheets/d/1MPm9cWqFe5lfOa9SEJ6tc5H9R8mIR8yZRDGFVrO4QvI/edit?usp=sharing>
→ until Wednesday, next week: **16.11.2021, 23:59**

- Late submissions/non-working links will be graded lower
- Submission is mandatory to pass the course.