Exercise: Plotting Temperatures

In this lesson, you will be plotting the sea and land temperatures of Seattle.

WE'LL COVER THE FOLLOWING

Task

In this exercise, you will plot the average monthly temperature of land and sea for Seattle.

Problem statement

The average temperatures for land and sea are given in the arrays `land_temp` and `sea_temp`.

- Create one plot with two graphs above each other using the subplot command.
- On the top graph, plot the land and sea temperatures. Label the ticks on the horizontal axis as `jan`, `feb`, `mar`, `apr`...
- On the bottom graph, plot the difference between land and sea temperature.
- Add legends and axes labels to make your graph more readable.

> 💡 Don't forget to use `savefig(output/filename.png)` to save and view the graph.

```
import numpy as np
```

```
import matplotlib.pyplot as plt

land_temp = np.array([6, 7, 8, 10, 14, 16, 18, 17, 15, 12, 11, 9])
sea_temp = np.array([4, 5, 10, 11, 12, 16, 19, 18, 14, 10, 8, 5])

# write your code here
```

The solution to this exercise is in the next lesson.