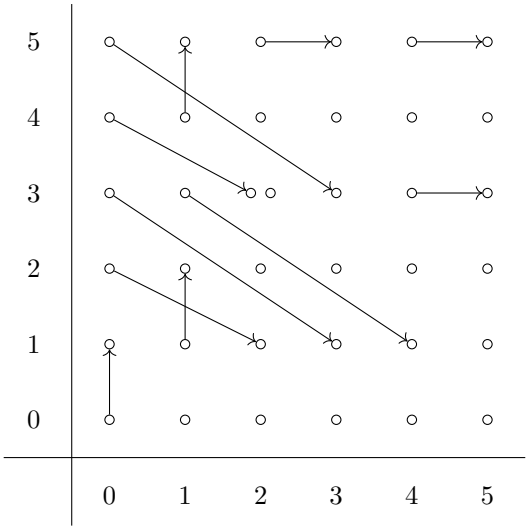
Visit this link for the documentation.

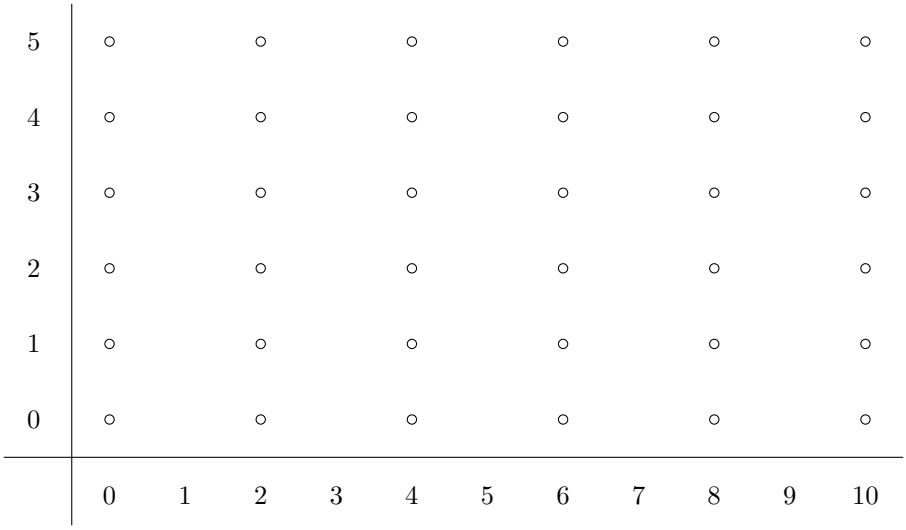
Exercise 1 (Harder, try last! Test out your skills with the package, not a real spectral sequence):

Make the following diagram on your own. (Hint: I'm on page 0, using cohomological Serre grading, and I used a for loop to make my life easier.) What is the E_4 page of this spectral sequence? Why does Scotty like the E_4 page?



Exercise 2 (Start here!)

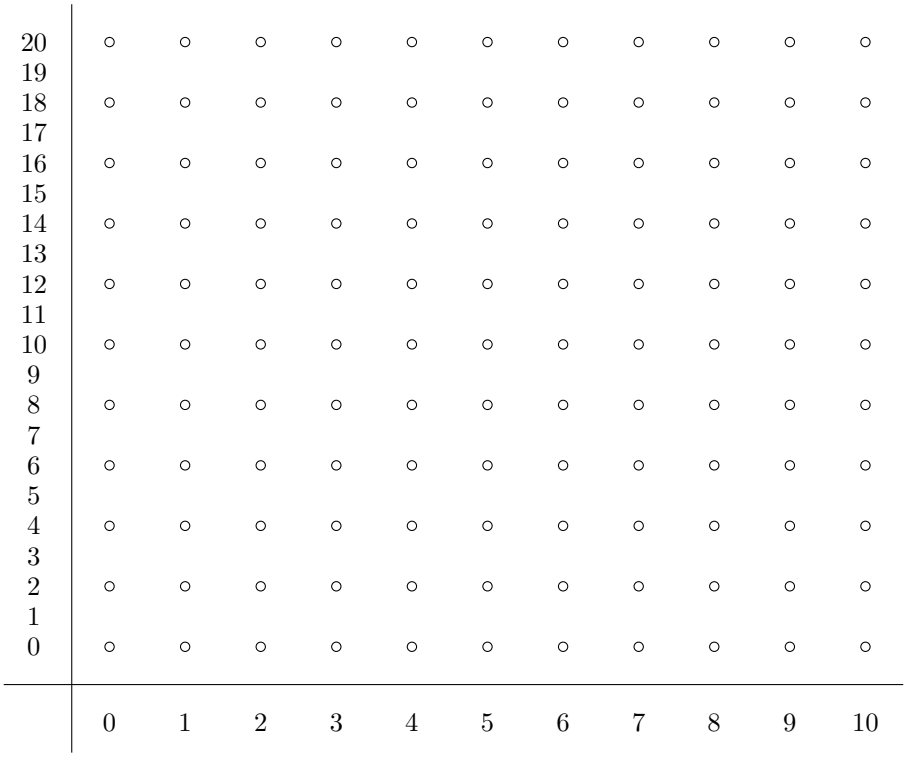
Make the following diagram on your own! (Hint: I'm on page 0, using Adams grading, and I used some loops plus math to make my life easier)



Question: What differentials have a chance to be supported here? Remember, we're using Adams grading!

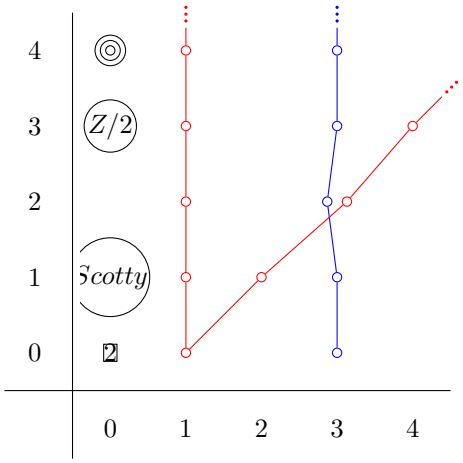
Exercise 3:

What differentials could be supported on this spectral sequence using the Adams grading? Note that the scaling is different between the two axes!



Exercise 4

Create this spectral sequence page 0 with Adams grading!



Exercise 5:

Create a spectral sequence with Adams grading using differentials going from 0 to 3 to make some dots in a pattern that are your first initial.