1 | **In the context of linear algebra**

- From Axler Linear Algebra Done Right 3rd Ed. 2.A
- #definition polynomial
  - $p : F \to F$ with coefficients in F if there exist $a_0, ..., a_m \in F$ such that $p(z) = a_0 + a_1 z + a_2 z^2 + ... + a_m z^m$ ## Polynomial Degree #definition degree of a polynomial
- Basically write it in standard form and find the highest index of the highest coefficient that isn't zero
- degree of 0 = $-\infty$
