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

- From Axler Linear Algebra Done Right 3rd Ed. 2.A
- $p : F \to F$ with coefficients in F if there exist $a_0, ..., a_m \in F$ such that $p(z) = a_0 + a_1 z + a_2 z^2 + ... + a_m z^m$