Holiday Project Presentation

S3 CS3 衡雨昭Stefan

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* Complex number cracker
* To solve typical, procedural problems
  + “Complex number” in AL FM
  + Takes time, following fixed steps
  + Simplify coefficients, expand exponents, get roots of an integer
  + Dependent on 2 variables only
  + Answer in string
* In PM
  + Involves trigonometry, combination, complex number
* In CS
  + Classes & functions in same name to call & refer
  + External library: Fractions
  + Involves class, recursion, dictionary
* Present
  + Interface: Idle
    - No need
  + Try
    - Simplify [sinθ]^8
    - Expand cos(8θ)
    - Get ninth roots of unity
* Improvement
  + UI
  + Answer more FM questions