This exercise is based on Bentley’s column on little languages.¹

1. List the members of your group below. Underline your name.

2. Provide Java, Python, and C equivalents of the number-formatting examples in the second paragraph of the paper (which use Fortran and Cobol).

3. Design a little language for filtering email messages. (If you are familiar with one, try not to be overly influenced by it.)
   (a) Describe the requirements.
   (b) Note and briefly explain your design choices for objects, operators, and structure of the language.
   (c) Describe the language precisely using suitable tools.
   (d) Provide illustrative examples.
