Class exercise: Variables, arrays, and the world of ideas

COMP 40

September 16, 2009

Group

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<th>Keeper of the record:</th>
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<td>Other group members:</td>
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Questions

1. Using mathematics or metaphor, explain what a variable stands for. Your explanation should live in the world of ideas.

2. Is a “variable” a polymorphic idea?

3. What, in the world of ideas, is an array? (Don’t forget parametric polymorphism—how many type parameters are there and what do they stand for? Is an array parametric in anything else?)