Design

Announcements

## Abstraction

Functional Abstractions

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    def sum_squares \((x, y)\) :
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def square(x): def sum_squares(x, y):
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def sum_squares(x, y):
return square $(x)+$ square $(y)$

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What does sum_squares need to know about square?
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    If the name "square" were bound to a built-in function,
sum_squares would still work identically.

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average_age = average(age, students)
is preferable to
\# Compute average age of students aa $=\operatorname{avg}(a, s t)$

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n, k, i - Usually integers
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Function Example: Sounds

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(Demo)

