

Specimen language

Functional languages are a good candidate for this kind of analysis; they have functions as first-class values, so control flow may be complex.

We will use a minimal syntax for expressions:

$$e ::= x \mid c \mid \lambda x.e \mid e_1 e_2 \mid \text{let } x = e_1 \text{ in } e_2$$

A program in this language is a *closed* expression.