



Function Execution and Scopes

Function execution introduces a new local symbol table (scope)

Think of baggage tags and suitcases: a new baggage area

Variable assignments (L-values) `x = 5`

Add entry to local symbol table (or overwrite an existing entry)

Variable references (R-values) `print(y)`

First, look in local symbol table

Next, check symbol tables of enclosing functions (unusual)

Then, search global (top-level) symbol table

Finally, check builtin symbols (`print`, `input`, etc)