

1 Guidelines for runtime scoping

Exercise. Explain the individual cases of the output by referring to semantics of runtime scoping.

1. For the first statement, `stmtscope1`, we print out the result of the statement by calling `lookup` on the environment returned by the function `exec env stmtscope1`. This uses runtime scoping because the execution, and thus the creation of the environment occurs when we need the result of the execution, in this case to print it.