

```
root@39e6aa12985b:/work# cafeobj lecture9-virtualmachine/vm.cafe

-- loading standard prelude

      -- CafeOBJ system Version 1.6.2(PigNose0.99) --
      built: 2024 Dec 26 Thu 0:09:00 GMT
      prelude file: std.bin
      ***
      2025 Jan 12 Sun 1:38:00 GMT
      Type ? for help
      ***
      -- Containing PigNose Extensions --
      ---
      built on SBCL
      2.0.1.debian
processing input : /work/lecture9-virtualmachine/vm.cafe

-- defining module* VAR
-- reading in file : bool

processing input : /usr/local/share/cafeobj-1.6/lib/bool.cafe

processing input : /usr/local/share/cafeobj-1.6/lib/base_bool.cafe

processing input : /usr/local/share/cafeobj-1.6/lib/truth.cafe

-- defining module! TRUTH
-- reading in file : truth

-- done reading in file: truth

-- defining module* BASE-BOOL
-- reading in file : eql

processing input : /usr/local/share/cafeobj-1.6/lib/eql.cafe

-- defining module! EQL
-- done reading in file: eql

processing input : /usr/local/share/cafeobj-1.6/lib/sys_bool.cafe

-- defining module! BOOL
-- done reading in file: bool

-- defining module* TRIV-ERR
-- defining module! BOOL-ERR
-- defining module! NAT-ERR
-- reading in file : nat

processing input : /usr/local/share/cafeobj-1.6/lib/nat.cafe

-- defining module! NAT
-- reading in file : nznat

processing input : /usr/local/share/cafeobj-1.6/lib/nznat.cafe

-- defining module! NZNAT
-- done reading in file: nznat

-- done reading in file: nat

-- defining module! LIST
-- defining module! INSTRUCT
-- defining view
-- defining module! PAIR
-- defining module! ENTRYTRIV-ERR2INSTRUCT
-- defining view
-- defining module! ENVTRIV-ERR2ENTRY
-- defining view
-- defining module! STACK
-- defining module! ILIST
-- defining module! VM
-- opening module VMTRIV-ERR2NAT-ERR
-- reduce in %VM : (run(il1)):Env&Err
((x , 16) | ((y , 65536) | empEnv)):Env
(0.0000 sec for parse, 0.0120 sec for 1414 rewrites + 3730 matches)
-- reduce in %VM : (run(il2)):Env&Err
((x , 64) | ((y , 18446744073709551616) | empEnv)):Env
(0.0000 sec for parse, 0.0170 sec for 2104 rewrites + 5550 matches)

CafeOBJ>
```