

```

e ::= unreachable | nop | drop | select
    | (block tf (e ...)) | (loop tf (e ...)) | (if tf (e ...) else (e ...))
    | (br i) | (br-if i) | (br-table i i ...)
    | return | (call i) | (call-indirect tf)
    | (get-local i) | (set-local i) | (tee-local i)
    | (get-global i) | (set-global i)
    | (t load a o) | (t load (tp sx) a o) | (t store a o) | (t store tp a o)
    | current-memory | grow-memory

    | (inn iunop) | (fnn funop)
    | (inn ibinop) | (fnn fbinop)
    | (inn itestop)
    | (inn irelop) | (fnn frelop)
    | (t cvttop t) | (t cvttop t sx)

    | (i32 const (side-condition integer1 (<= 0 (term integer1) (sub1 (expt 2 32))))))
    | (i64 const (side-condition integer1 (<= 0 (term integer1) (sub1 (expt 2 64))))))
    | (f32 const (side-condition real1 (flsingle-flonum? (term real1))))))
    | (f64 const (side-condition real1 (flonum? (term real1))))))

inn ::= i32 | i64
fnn ::= f32 | f64
  t ::= i32 | i64 | f32 | f64
  tp ::= i8 | i16 | i32
  tf ::= ((t ...) -> (t ...))
mut ::= const | var
  tg ::= (mut t)
  sx ::= signed | unsigned
unop ::= iunop | funop
binop ::= ibinop | fbinop
testop ::= itestop
  relop ::= irelop | frelop
iunop ::= clz | ctz | popcnt
ibinop ::= add | sub | mul | div-s | div-u | rem-s | rem-u
    | and | or | xor | shl | shr-s | shr-u | rotl | rotr
itestop ::= eqz
  irelop ::= eq | ne | lt-s | lt-u | gt-s | gt-u | le-s | le-u | ge-s | ge-u
funop ::= abs | neg | sqrt | ceil | floor | nearest
fbinop ::= add | sub | mul | div | min | max | copysign
frelop ::= eq | ne | lt | gt | le | ge
cvttop ::= convert | reinterpret
i, j, n, m ::= natural
  a, o ::= (side-condition natural1 (<= 0 (term natural1) (sub1 (expt 2 32))))))
  c, k ::= real
  f ::= ((ex ...) (func tf (local (t ...) (e ...))))
    | ((ex ...) (func tf im))
glob ::= ((ex ...) (global tg (e ...)))
    | ((ex ...) (global tg im))
tab ::= ((ex ...) (table n i ...))
    | ((ex ...) (table n im))
mem ::= ((ex ...) (memory n))
    | ((ex ...) (memory n im))
  im ::= (import string string)
  ex ::= (export string)
mod ::= (module (f ...) (glob ...) (tab ...) (mem ...))

```