Hazel PHI: 10-modules

how to read

```
800000 kinds 800080 signatures
008000 types (constructors) 008080 modules
000080 terms

syntax
```

```
kind \quad knd \quad ::= \quad Type
                                         S(\tau)
                                         KHole
                                         \Pi_{\alpha::knd_1}.knd_2
                                        \Sigma_{\alpha::knd_1}.knd_2
       base type bse
                                ::= Int
                                         Float
                                         Bool
 HTyp BinOp
                                         +
internal HTyp
                                  ::= bse
                                         \lambda \alpha :: knd.\tau
                                         	au_1 	au_2
                                         	au_1 \oplus 	au_2
                                         \langle 	au_1, 	au_2 \rangle
                                         \pi_1 \tau
                                         \pi_2 \tau
                                         \{lab_1 \hookrightarrow \tau_1, \dots \, lab_n \hookrightarrow \tau_n\}
                                        mod.lab
          module mod ::= [sbnd]
                                        \lambda \mu :: sig.mod
                                         mod_1 \ mod_2
       signature sig
                                     \Pi_{\mu::sig_1}.sig_2
```