x	::=	AlphaNumeric $\mid \star$AlphaNumeric	*variables*
$\overset{\star}{\ell}$	::=	$\ell \mid *$	*labels*
T	::=	$[t, \ldots]$	*stack*
t	::=	$\overset{\star}{\ell} \times S$	*stack frames*
S	::=	$[s, \ldots]$	*programs*
d	::=	$x = e \mid$ `return` $x \mid$ `goto` $\ell \mid$ `goto` ℓ `if not` x $\mid$ `raise` $x \mid$ `catch` x	*directives*
B	::=	$\{x \mapsto m, \ldots\}$	*bindings*
H	::=	$\{m \mapsto v, \ldots\}$	*heap*
v	::=	$\mathbb{Z} \mid [m, \ldots] \mid (m, \ldots) \mid B \mid F \mid M \mid$ `undefined` $\mid$ `None`	*values*
e	::=	$v \mid x \mid$ `def` $x(x, \ldots) = \{S\} \mid x(x, \ldots) \mid [x, \ldots] \mid (x, \ldots)$	*expressions*
P	::=	$m \mapsto m$	*parental map*
$\overset{\star}{m}$	::=	$m \mid \eta \mid *$	*memory locations*
F	::=	$\langle m,$ `def` $(x) \to S \rangle \mid \mathfrak{F}$	*general functions*
M	::=	$\langle m, m,$ `def` $(x) \to S \rangle \mid \langle m, \mathfrak{M} \rangle$	*general methods*
$\mathfrak{F}$			*magic functions*
$\mathfrak{M}$			*magic methods*

Figure 1: Operational Semantics