

<i>termvar, name, x, y, z, xs</i>		
<i>indecies, n, i, j, k</i>		
<i>program, p</i>	$::=$ $\mid f$ $\mid f; p$	
<i>function, f</i>	$::=$ $\mid \text{func } name(x_1, \dots, x_i)\{alist\} t\}$	
<i>assignments, alist</i>	$::=$ $\mid aexp$ $\mid aexp; alist$	
<i>term, t</i>	$::=$ $\mid exp$ $\mid (t_1, t_2)$ $\mid [t_1, \dots, t_i]$ $\mid \text{case } t_1 \text{ of } pat \rightarrow t_2$ $\mid \text{return } (t)$	
<i>assignment, aexp</i>	$::=$ $\mid \text{var } x = t$ $\mid \text{let } x = t$	
<i>exp</i>	$::=$ $\mid x$ $\mid n$ $\mid exp_1 + exp_2$ $\mid exp_1 * exp_3$ $\mid (exp)$	Expressions
<i>pattern, pat</i>	$::=$ $\mid (x, y)$ $\mid [x, xs]$	