

<code>int x, y, z;</code>	<code>x: .long</code>
	<code>y: .long</code>
	<code>z: .long</code>
<code>short w, q;</code>	<code>w: .word</code>
	<code>q: .word</code>
<code>statement(s)</code>	<code>statement(s)</code>
(a)	(b)

Figure 9.7 (a) Declaration of variables in a high-level language, and (b) equivalent variable declarations in assembly language.