

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

Figure 8.7 (a) Declaration of variables in a high-level language, and (b) equivalent variable declarations in assembly language.