<span class="hljs-comment">/\*

Blink

Turns on an LED on for one second, then off for one second, repeatedly.

This example code is in the public domain.

\*/</span>

<span class="hljs-comment">// Pin 13 has an LED connected on most Arduino boards.</span>

<span class="hljs-comment">// give it a name:</span>

<span class="hljs-keyword">int</span> led = <span class="hljs-number">13</span>;

<span class="hljs-comment">// the setup routine runs once when you press reset:</span>

<span class="hljs-function"><span class="hljs-keyword">void</span> <span class="hljs-title">setup</span><span class="hljs-params">()</span> </span>{

<span class="hljs-comment">// initialize the digital pin as an output.</span>

<span class="hljs-built\_in">pinMode</span>(led, <span class="hljs-literal">OUTPUT</span>);

}

<span class="hljs-comment">// the loop routine runs over and over again forever:</span>

<span class="hljs-function"><span class="hljs-keyword">void</span> <span class="hljs-title">loop</span><span class="hljs-params">()</span> </span>{

<span class="hljs-built\_in">digitalWrite</span>(led, <span class="hljs-literal">HIGH</span>); <span class="hljs-comment">// turn the LED on (HIGH is the voltage level)</span>

<span class="hljs-built\_in">delay</span>(<span class="hljs-number">1000</span>); <span class="hljs-comment">// wait for a second</span>

<span class="hljs-built\_in">digitalWrite</span>(led, <span class="hljs-literal">LOW</span>); <span class="hljs-comment">// turn the LED off by making the voltage LOW</span>

<span class="hljs-built\_in">delay</span>(<span class="hljs-number">1000</span>); <span class="hljs-comment">// wait for a second</span>

}