```
/*---------Title-----------

  File: Blink1
  Started: 10/28/13
  Program Description: Turns on an LED on for one half second,
  then off for one half second, repeatedly.
*/

//-----Initializations-----

   int  led  =  13;// give pin 13 a name (led):

void setup()                   {

  pinMode(led, OUTPUT);  // initialize the digital pin as an
                         //   output.
}

// --------Main Code--------

void loop()                    {// the loop routine runs over and over
  digitalWrite(led, HIGH);   // turn the LED on (HIGH is the
                             // voltage level)
  delay(500);                // wait a half second (500 ms)
  digitalWrite(led, LOW);    // turn the LED off by making the
                             // voltage LOW
  delay(500);                // wait a half second (500 ms)
}
```