

Some of these sketches can be found under FILE -> Examples -> Basics

```
void setup() {  
    // put your setup code here, to run once:  
    // these are single line comments  
    /* These are  
    * multi-line  
    * comments  
    */  
    pinMode(LED_BUILTIN, OUTPUT); // Remember the semi colons  
}  
  
void loop() {  
    // put your main code here, to run repeatedly:  
    digitalWrite(LED_BUILTIN, HIGH); // high turns the voltage to high (full power)  
    delay (1000);  
  
    digitalWrite(LED_BUILTIN, LOW); // low turns the voltage to low (no power)  
    delay(1000);  
  
}
```

```
void setup() {  
    // Make the built_in LED blink the SOS pattern  
    pinMode(13, OUTPUT); //13 is the built_in LED port  
}
```

```
int howLong = 200; // a variable to easily change the times.
```

```
void loop() {  
    digitalWrite(13, HIGH);  
    delay(howLong);  
    digitalWrite(13, LOW);  
    delay(howLong);  
    digitalWrite(13, HIGH);  
    delay(howLong);  
    digitalWrite(13, LOW);  
    delay(howLong);  
    digitalWrite(13, HIGH);  
    delay(howLong);  
    digitalWrite(13, LOW);  
    delay(howLong);  
    digitalWrite(13, HIGH);  
    delay(1000);  
    digitalWrite(13, LOW);  
    delay(howLong);  
    digitalWrite(13, HIGH);  
    delay(1000);  
    digitalWrite(13, LOW);  
    delay(howLong);  
    digitalWrite(13, HIGH);
```

```
delay(1000);  
digitalWrite(13, LOW);  
delay(howLong);  
digitalWrite(13, HIGH);  
delay(howLong);  
digitalWrite(13, LOW);  
delay(howLong);  
digitalWrite(13, HIGH);  
delay(howLong);  
digitalWrite(13, LOW);  
delay(howLong);  
digitalWrite(13, HIGH);  
delay(howLong);  
digitalWrite(13, LOW);  
delay(2000);  
}
```