

## Circuit #4: Multiple LEDs

### Code:

```
//this line below declares an array
int ledPins[ ] = {2,3,4,5,6,7,8,9};

void setup( ) {

//these two lines set Digital Pins # 0 – 8 to output
for(int i = 0; i < 8; i++){
pinMode(ledPins[i],OUTPUT);

}

void loop( ) {

//these lines turn the LEDs on and then off
for(int i = 0; i <= 7; i++){
digitalWrite(ledPins[i], HIGH);
delay(delayTime);
digitalWrite(ledPins[i], LOW);
}
}
```