

```
//must be in dir: arduino_diode_blink_progressive  
const int LED=9;  
void setup()  
{  
  pinMode (LED, OUTPUT);  
}  
void loop() {  
  for (int i =0; i<1000; i+=100){  
    digitalWrite(LED, HIGH);  
    delay(i);  
    digitalWrite(LED, LOW);  
    delay(i);  
  }  
}
```

