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/*
Statement      :   Blink an LED in accordance with the
brightness.   Blinking frequency increases with increase in
brightness.

int led=3;

int ldr=A0;

void setup(){
    Serial.begin(9600);
    pinMode(led,OUTPUT);
}

void loop(){
    int sensorValue= analogRead(ldr);
    int blinkInterval=map(sensorValue,0,1023,1000,100);

    digitalWrite(led,HIGH);
    delay(blinkInterval);
    digitalWrite(led,LOW);
    delay(blinkInterval);

    Serial.print("Brightness: ");
    Serial.println(sensorValue);
    Serial.print(", Blink Interval: ");

```

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Serial.println(blinkInterval);
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```
delay(1000);
```

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}
```