

Module-8

```
int red-pin = 9;
```

```
int bright = 255
```

```
void Setup()
```

```
{
```

```
  pinMode (red-pin, OUTPUT);
```

```
}
```

```
void loop()
```

```
  analogWrite (red-pin, bright);
```

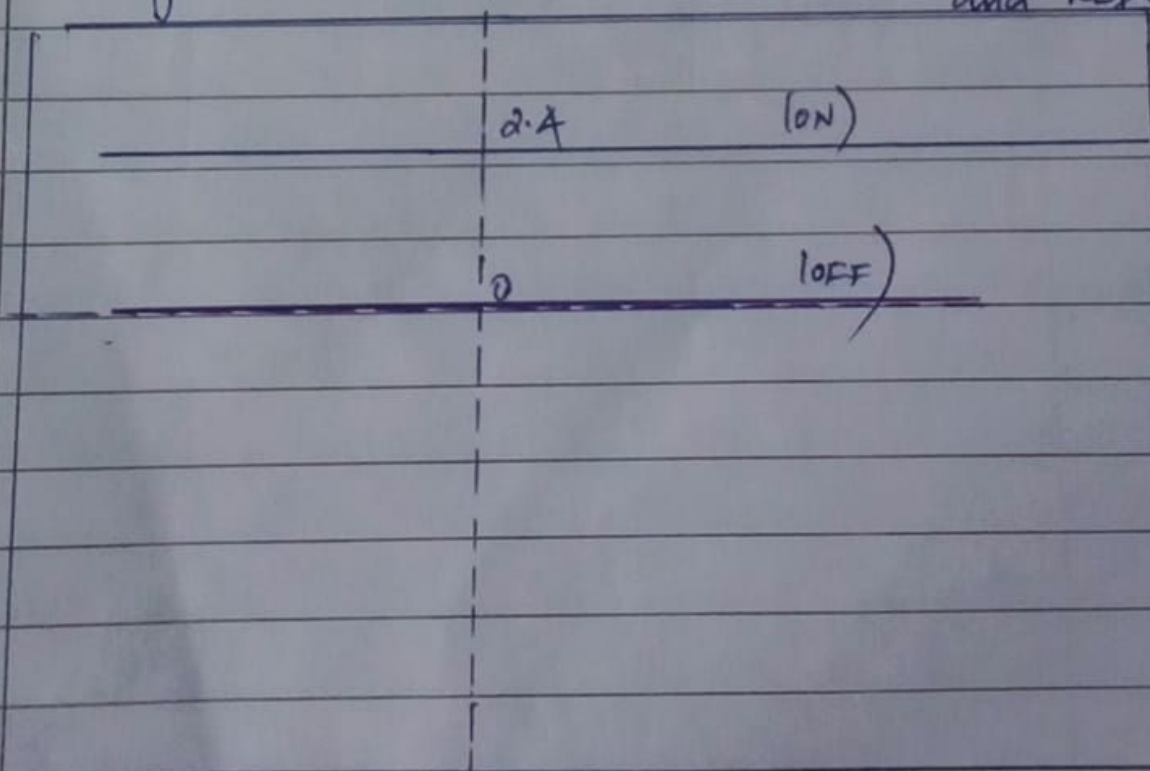
```
}
```

0 → OFF

255 → ON

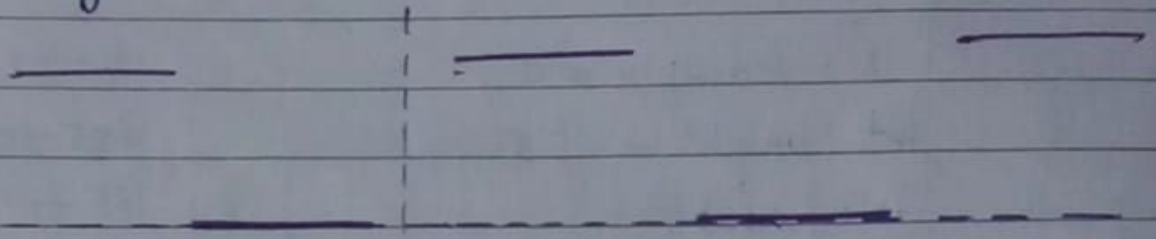
125 → Reduced
brightness.

Reading Oscilloscope for 255 or 0 across R starting and LED.



The Capacitor helps the
circuit to produce a continuous
current

Reading Oscilloscope - 127 (without Capacitor)



Reading Oscilloscope - 127 (with Capacitor)

