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LED FADING

Aim :-

Demonstrate to show LED fading

Hardware Required :-

Arduino Board

LED Bulb

Code :-

```
void setup()
```

```
{
```

```
  pinMode(2, OUTPUT);
```

```
}
```

```
void loop()
```

```
{
```

```
  for (int fade=0, fade <= 255; fade+=5)
```

```
    analogWrite(9, fade);
```

```
    delay(30);
```

```
}
```

```
  for (int fade= 255, fade >= 0; fade-=5)
```

```
    {
```


analogWrite (9, value);
delay(30);

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