

Exp 4Title - 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, fade);
    delay(30);
  }
}
```

①

