

IOT LAB-4

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IBM18CS105

Fade

Program:-

```
void setup()
{
  pinMode(9, 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);
  }
}
```