

PROGRAM NO : 4

PROGRAM TITLE : LED FADINGAim: Demonstrate to show LED fadingHardware Required :

- Arduino Board
- LED

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);

{

{

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