Midterm Programming Test – Version A

int redLED = 2; //sets location of redLED

int greenLED = 3; // sets location of greenLED

int blinkTimes = 5; // sets number of times to blick to 5

void setup() {

pinMode(LED\_BUILTIN, OUTPUT); // sets the digital pin as output

}

void loop() {

// Blink the Red Led 1 time for 1 second

blink(redLED, 1);

delay(1000);

// Blink the Green Led 1 time for 1 second

blink(greenLED, 1);

delay(1000);

}

void blink(int ledColor, int blinkTimes)

{

if (blinkTimes <=5)

for (int i = 0; i < blinkTimes; i++) {

digitalWrite(ledColor, HIGH);

delay(500);

digitalWrite(ledColor, LOW);

delay(500);

}

return true;

}