Midterm Programming Test Re-Write – Version A

int redLED = 11; //sets location of redLED

int greenLED = 10; // 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

Serial.begin(9600); // Serial monitor

Serial.println("Input red to Turn on 11 and Green to Turn on 10");

}

void loop() {

// Blink the Red Led 6 time for 1 second

blink(redLED, 6);

delay(1000);

// Blink the Green Led 4 time for 1 second

blink(greenLED, 4);

delay(1000);

}

void blink(int ledColor, int blinkTimes)

{

if ((blinkTimes <=5) || (blinkTimes >5))

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

digitalWrite(ledColor, HIGH);

delay(500);

digitalWrite(ledColor, LOW);

delay(500);

}

}