**Basic Challenge Requirements (Level 1 to Level 2)**

1. Write an Arduino program that contains the required “Setup” and “Loop” procedures.
2. Define an integer variable to hold the pin position for an external “red” LED
3. Define an integer variable to hold the pin position for an external “green” LED
4. Add code to blink the “red” LED for one second and then blink the “green” LED for one second.
5. Cut and copy your program code below this line and submit to your GitHub repository.

int redled =3; // initialize digital pin.

int greenled =7;

void setup()

{

pinMode(redled, OUTPUT);

pinMode(greenled, OUTPUT);

}

void loop()

{

digitalWrite(greenled, HIGH); // blink "green" LED

delay(1000); // wait 5 seconds

digitalWrite(greenled, LOW); // turn off green LED

for(int i=0;i<3;i++) // blinks for 1 time

delay(500); // wait 0.5 second

digitalWrite(redled, HIGH);// turn on red LED

delay(1000); // wait 5 second

digitalWrite(redled, LOW);// turn off red LED

}