// Terran Blake / Lab 2 / 7:30am Wednesday / ECE 241

char Output[3];

char LongString[] = "Arduino serial test";

int Number = 0;

int Alpha = 65;

unsigned long oldMillis = 0;

int Incoming;

const long interval = 500;

void setup() {

// Sets up the Baud rate

Serial.begin(9600);

Serial.available();

}

void loop() {

// Timer that loops through serial print

unsigned long currentMillis = millis();

if(currentMillis - oldMillis >= interval) {

oldMillis = currentMillis;

for(Number=0; Number< 11; ++Number){ // only part of the ASCII chart, change to suit

delay (500);

// print it out in many formats:

Serial.write(Alpha);

Serial.print(Number); } // print as an ASCII-encoded decimal - same as "DEC"

Alpha++;

if (Alpha == 91) { // you could also use if (Alpha == '~') {

// This loop loops forever and does nothing

Alpha = 65;

}

}

Incoming = Serial.read();

}