// 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();

}
```