



```
void setup() (
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 // the setup routine runs once when you press reset:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    int Yaxis;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       #define Y A1
#define Z A2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              void loop() {
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           // the loop routine runs over and over again forever:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    int Zaxis;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  int Xaxis;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        #define X A0
              \square
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             serial_read_19_11_20
                                                                                                                                                                                                                                                                            Serial.print("2 acceleration = ");
Serial.print(2a,DEC);
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Serial.begin(9600);
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 // initialize serial communication at 9600 bits per second:
                                                                                                                                                                                                                                               delay (1000);
                                                                                                                                                                                                                                                                                                                                                                                                                     float Za = (Zaxis)*1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Xaxis = analogRead(X);
                                                                                                                                                                                                                                                                Serial.println();
                                                                                                                                                                                                                                                                                                                  Serial.print(",");
                                                                                                                                                                                                                                                                                                                                   Serial.print(Ya, DEC);
                                                                                                                                                                                                                                                                                                                                                     Serial.print("Y acceleration = ");
                                                                                                                                                                                                                                                                                                                                                                      Serial.print(",");
                                                                                                                                                                                                                                                                                                                                                                                      Serial.print(Xa, DEC);
                                                                                                                                                                                                                                                                                                                                                                                                     Serial.print("X acceleration = ");
                                                                                                                                                                                                                                                                                                                                                                                                                                         float Ya = ( Yaxis) *1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                         float Xa = ( Xaxis) *1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Zaxis = analogRead(Z);
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Yaxis = analogRead(Y);
                0
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              Arduino Uno
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