Force Sensing Resistor (FSR) Code

/\* Simple example code for Force Sensitive Resistor (FSR) with Arduino. More info: https://www.makerguides.com \*/

// Define FSR pin:

**#define fsrpin A0**

//Define variable to store sensor readings:

**int** fsrreading; //Variable to store FSR value

**void** setup() {

// Begin serial communication at a baud rate of 9600:

Serial.begin(9600);

}

**void** loop() {

// Read the FSR pin and store the output as fsrreading:

fsrreading = analogRead(fsrpin);

// Print the fsrreading in the serial monitor:

// Print the string "Analog reading = ".

Serial.print("Analog reading = ");

// Print the fsrreading:

Serial.print(fsrreading);

// We can set some threshholds to display how much pressure is roughly applied:

**if** (fsrreading < 10) {

Serial.println(" - No pressure");

} **else** **if** (fsrreading < 200) {

Serial.println(" - Light touch");

} **else** **if** (fsrreading < 500) {

Serial.println(" - Light squeeze");

} **else** **if** (fsrreading < 800) {

Serial.println(" - Medium squeeze");

} **else** {

Serial.println(" - Big squeeze");

}

delay(500); //Delay 500 ms.

}