#include <Servo.h>

Servo myServo; // Create a servo object

int flexPin = A0; // Analog pin for flex sensor input

int flexValue; // Variable to store the flex sensor value

int servoAngle; // Variable to store the servo angle

void setup() {

myServo.attach(9); // Attach servo to pin 9

}

void loop() {

flexValue = analogRead(flexPin); // Read flex sensor value (0-1023)

// Map the flex sensor range (adjust these values according to your sensor)

servoAngle = map(flexValue, 0, 1023, 0, 180);

myServo.write(servoAngle); // Set servo position based on flex sensor input

delay(10); // Small delay for stability

}