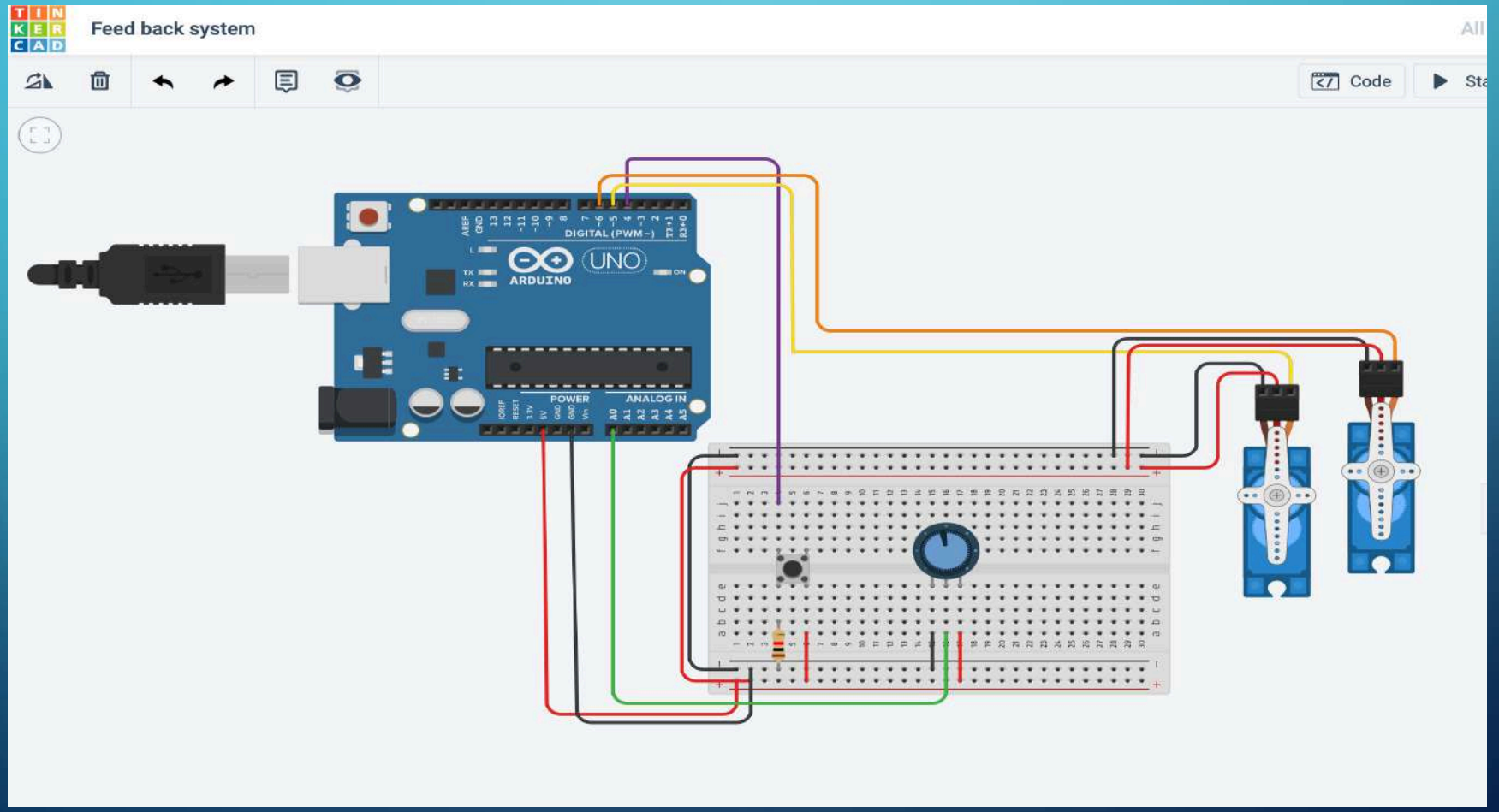
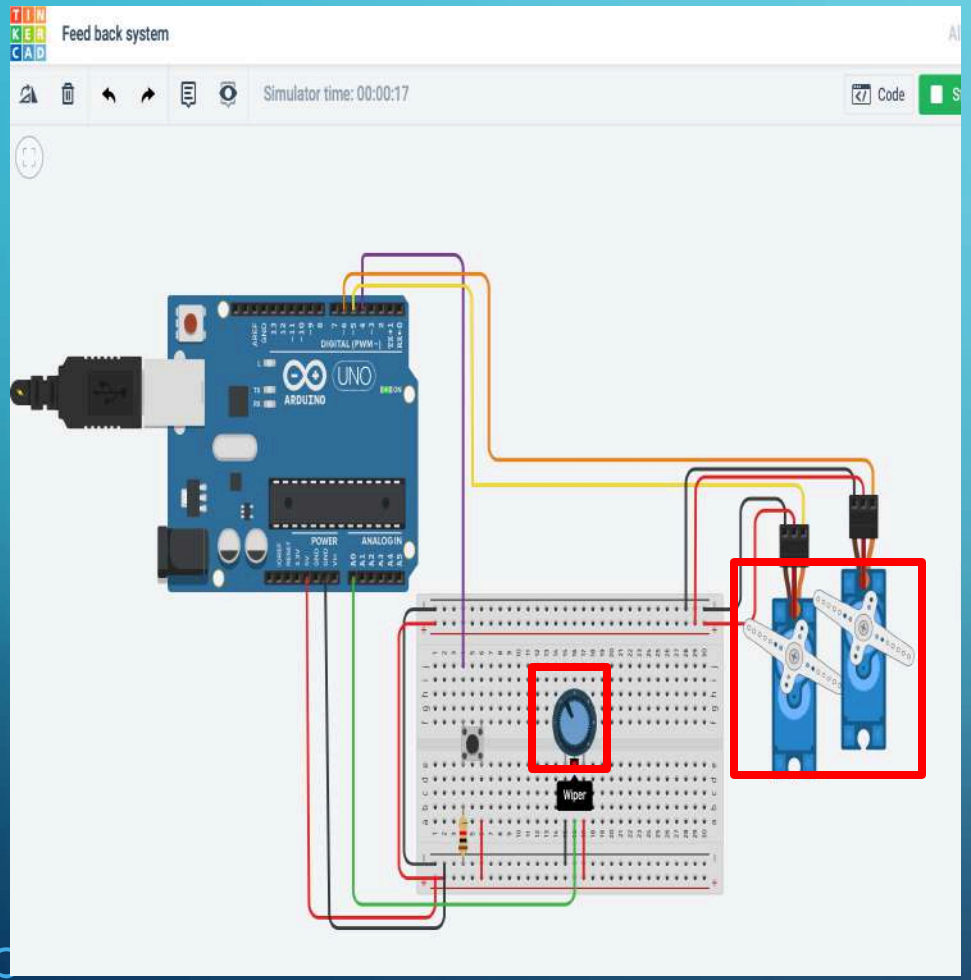
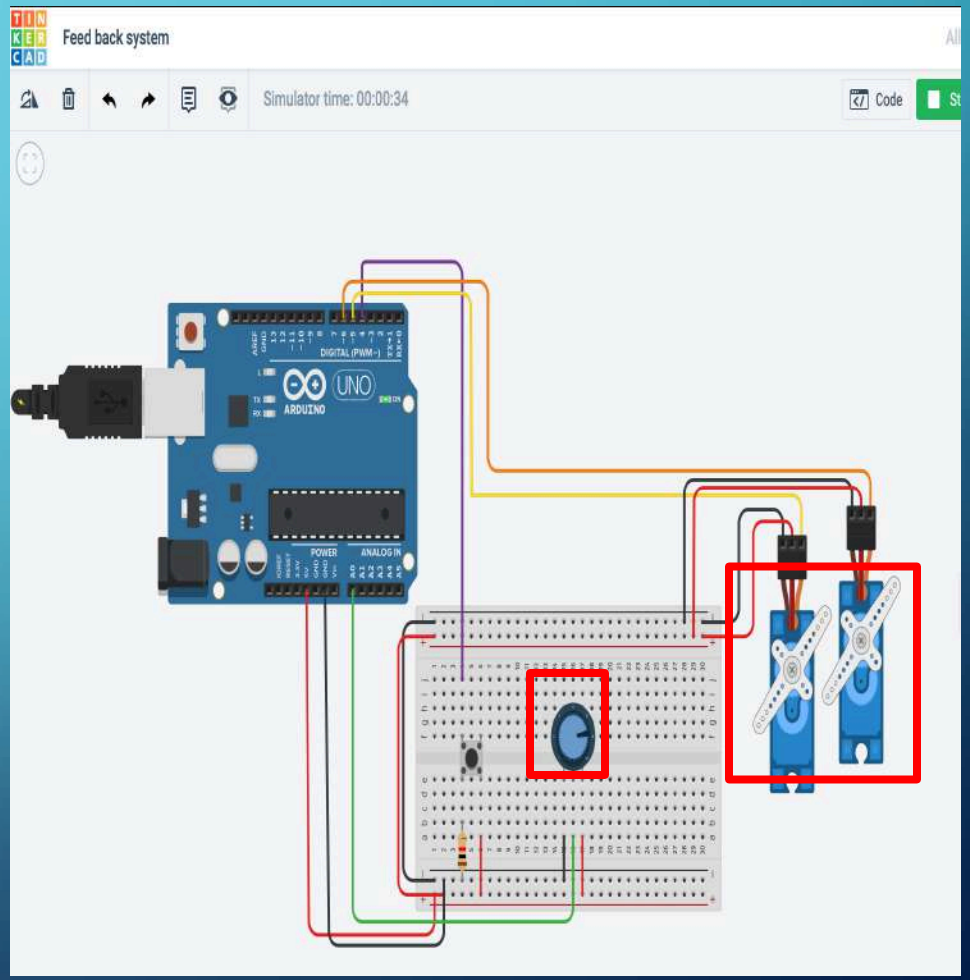
FEED BACK SYSTEM

TWO MOTORS WITH CONNECTED FROM THE CONTROLLER

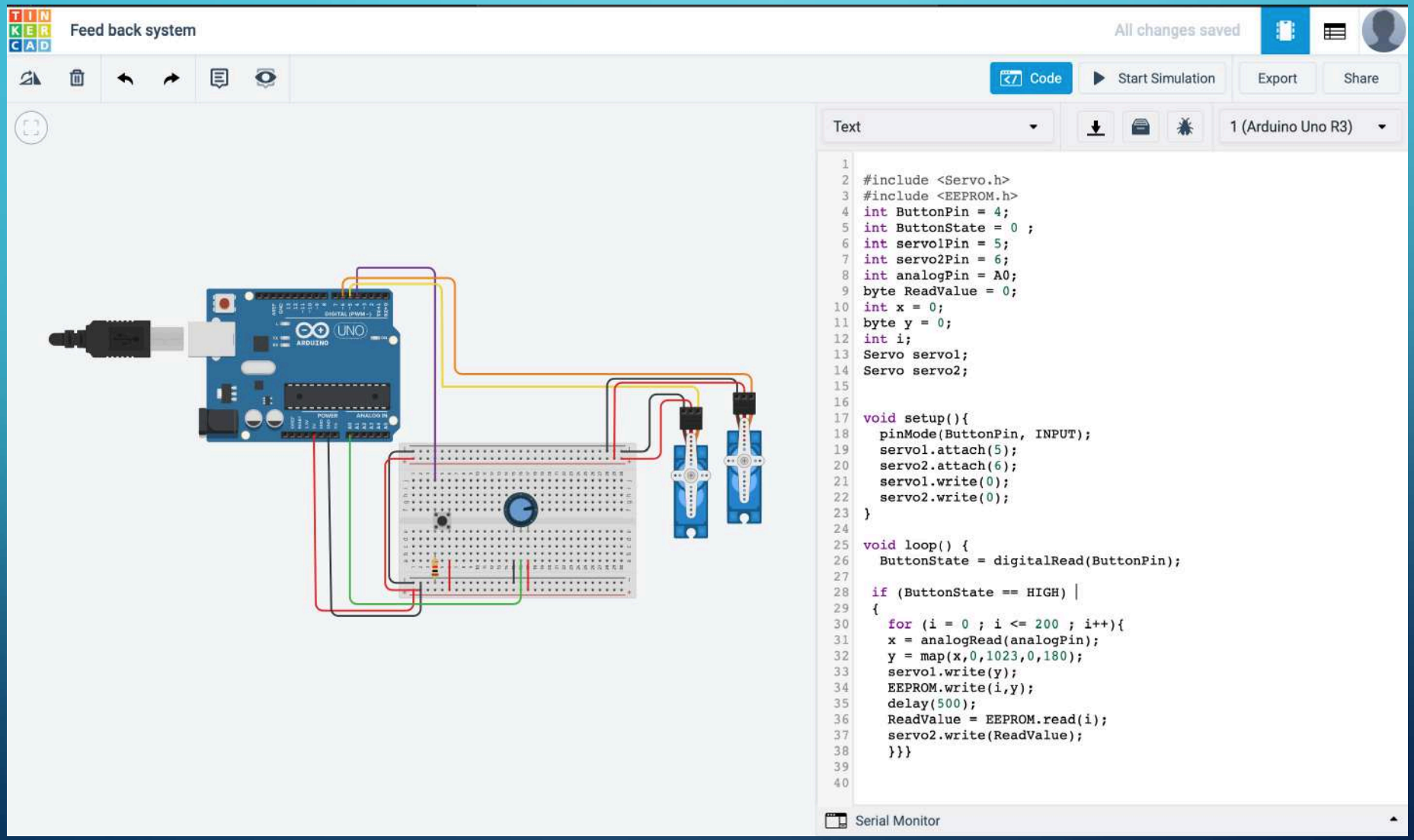


WHEN THE FIRST MOTOR IS MANUALLY MOVED, THE SECOND MOTOR MOVES WITH THE SAME MOVEMENT





CODING


Feed back system
All changes saved
Code
Start Simulation
Export
Share
Text
1 (Arduino Uno R3)
#include <Servo.h>
#include <EEPROM.h>
int ButtonPin = 4;
int ButtonState = 0 ;
int servo1Pin = 5;
int servo2Pin = 6;
int analogPin = A0;
byte ReadValue = 0;
int x = 0;
byte y = 0;
int i;
Servo servo1;
Servo servo2;
void setup(){
pinMode(ButtonPin, INPUT);
servo1.attach(5);
servo2.attach(6);
servo1.write(0);
servo2.write(0);
}
void loop() {
ButtonState = digitalRead(ButtonPin);
if (ButtonState == HIGH)
{
for (i = 0 ; i <= 200 ; i++){
x = analogRead(analogPin);
y = map(x,0,1023,0,180);
servo1.write(y);
EEPROM.write(i,y);
delay(500);
ReadValue = EEPROM.read(i);
servo2.write(ReadValue);
}}}
Serial Monitor