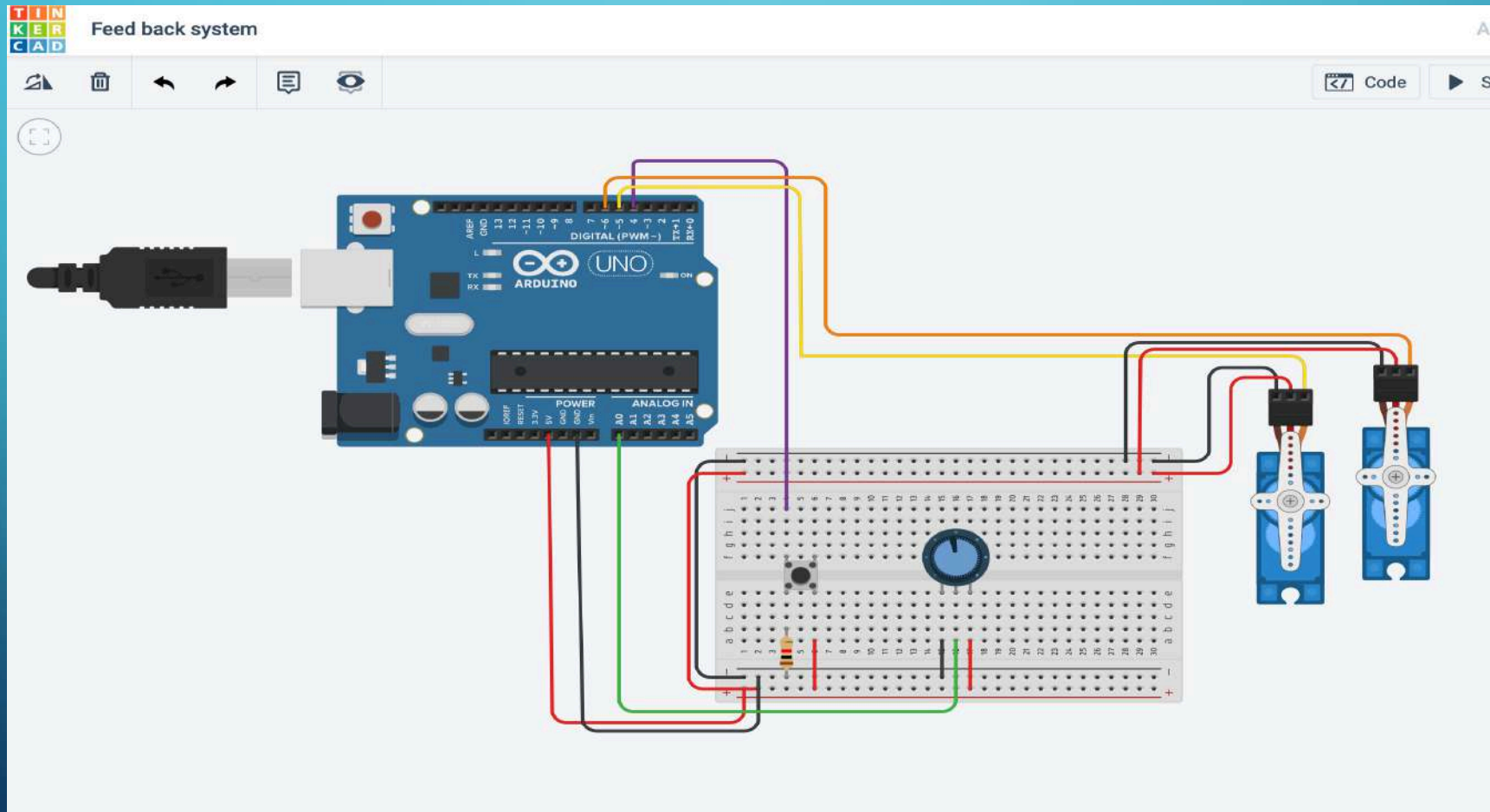


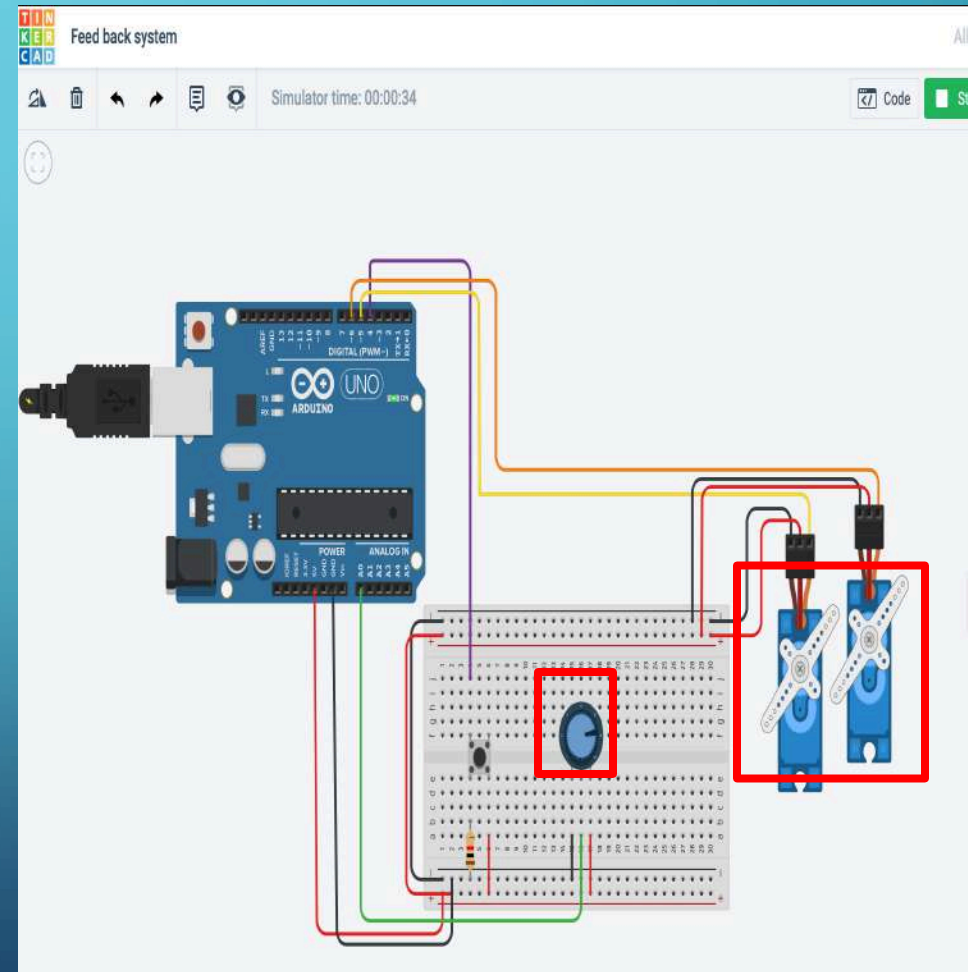
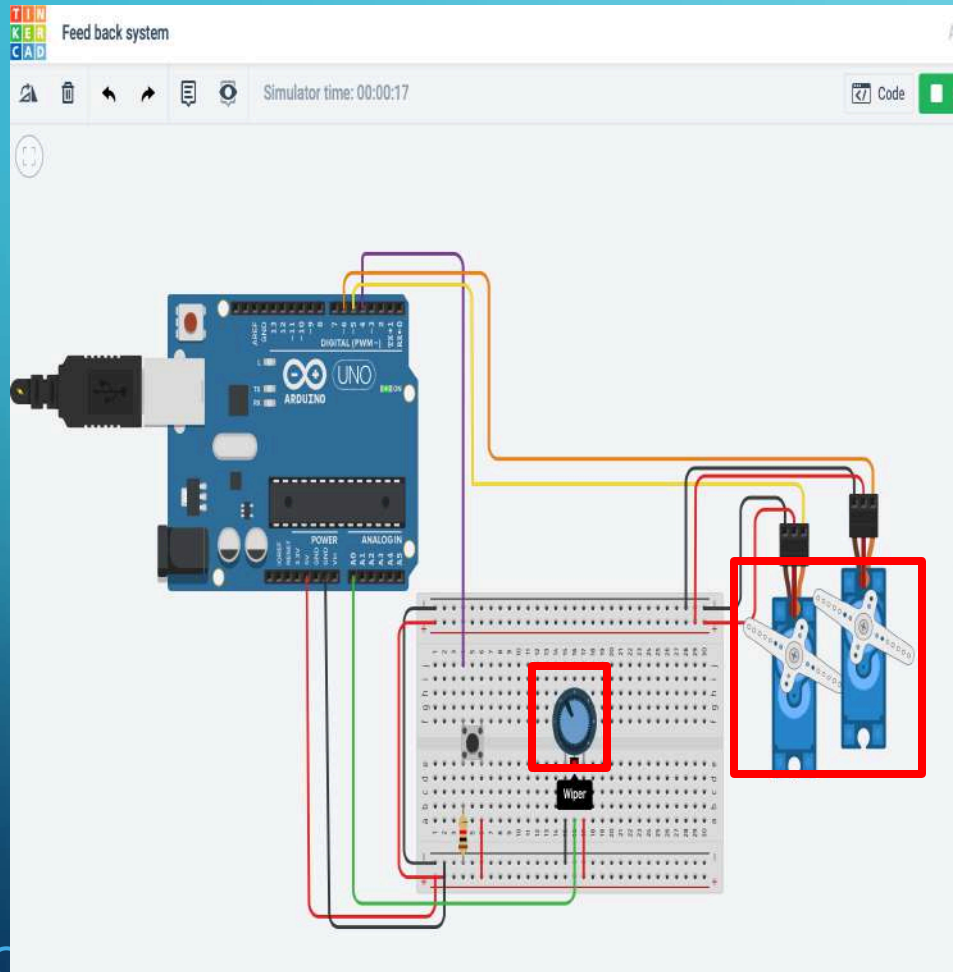
A decorative graphic on the left side of the slide, consisting of a network of light blue lines and small circles, resembling a circuit board or a neural network, extending from the top and bottom edges towards the center.

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)

```
1
2 #include <Servo.h>
3 #include <EEPROM.h>
4 int ButtonPin = 4;
5 int ButtonState = 0 ;
6 int servolPin = 5;
7 int servo2Pin = 6;
8 int analogPin = A0;
9 byte ReadValue = 0;
10 int x = 0;
11 byte y = 0;
12 int i;
13 Servo servol;
14 Servo servo2;
15
16
17 void setup(){
18   pinMode(ButtonPin, INPUT);
19   servol.attach(5);
20   servo2.attach(6);
21   servol.write(0);
22   servo2.write(0);
23 }
24
25 void loop() {
26   ButtonState = digitalRead(ButtonPin);
27
28   if (ButtonState == HIGH) {
29     {
30       for (i = 0 ; i <= 200 ; i++){
31         x = analogRead(analogPin);
32         y = map(x,0,1023,0,180);
33         servol.write(y);
34         EEPROM.write(i,y);
35         delay(500);
36         ReadValue = EEPROM.read(i);
37         servo2.write(ReadValue);
38       }}
39
40
```

Serial Monitor