

Third subtask

```
#include <Servo.h>
Servo servo1;
Servo servo2;
Servo servo3;
Servo servo4;
Servo servo5;
int i=0;

int sensorValue =0; //what the Potentiometer reads from the port A0
int outputValue =0;

void setup()
{
  servo1.attach(6);
  servo2.attach(10);
  servo3.attach(3);
  servo4.attach(5);
  servo5.attach(9);
  pinMode(A0, INPUT);
}

void loop()
{
  sensorValue = analogRead(A0);
  outputValue = map(sensorValue, 0, 1023, 0, 90);
  servo1.write(outputValue);
  servo2.write(outputValue);
  servo3.write(outputValue);
  servo4.write(outputValue);
  servo5.write(outputValue);
  delay(10);
}
```