```
                                                                MotorA //
                                                                 ;int in4=7
                                                                 ;int in3=6
                                                                ;int enA=5

                                                                MotorB //
                                                                 ;int in1=7
                                                                 ;int in2=6
                                                                ;int enB=5

                                                              ()void setup
                                                                       }
                                                    ;(pinMode(enA,OUTPUT
                                                    ;(pinMode(enB,OUTPUT
                                                     ;(pinMode(in4,OUTPUT
                                                     ;(pinMode(in3,OUTPUT
                                                     ;(pinMode(in1,OUTPUT
                                                     ;(pinMode(in2,OUTPUT



                                                     ;(digitalWrite(in1, LOW
                                                     ;(digitalWrite(in2, LOW
                                                     ;(digitalWrite(in3, LOW
                                                     ;(digitalWrite(in4, LOW

                                                                       {
                                                               ()void loop
                                                                       }
                                                               forword//
                                                          Turn on motorA//
                                                    ;(digitalWrite(in3,HIGH
                                                     ;(digitalWrite(in4,LOW
                                                     ;(analogWrite(enA,200
                                                          Turn on motorB//
                                                    ;(digitalWrite(in1,HIGH
                                                     ;(digitalWrite(in2,LOW
                                                     ;(analogWrite(enA,200

                                                              ;(delay(1000

                                                              backword//
                                                          Turn on motorA//
                                                    ;(digitalWrite(in4,HIGH
                                                     ;(digitalWrite(in3,LOW
                                                     ;(analogWrite(enA,200
```

```
        Turn on motorB//
    ;(digitalWrite(in2,HIGH
    ;(digitalWrite(in1,LOW
    ;(analogWrite(enA,200

                ;(delay(1000

                                {
      } ()void speedControl
        Turn on motors //
    ;(digitalWrite(in1, LOW
   ;(digitalWrite(in2, HIGH
    ;(digitalWrite(in3, LOW
   ;(digitalWrite(in4, HIGH

                                //
} (++for (int i = 0; i < 256; i
      ;(analogWrite(enA, i
      ;(analogWrite(enB, i
                ;(delay(20
                                {

} (for (int i = 255; i >= 0; --i
      ;(analogWrite(enA, i
      ;(analogWrite(enB, i
                ;(delay(20
                                {

     Now turn off motors //
    ;(digitalWrite(in1, LOW
    ;(digitalWrite(in2, LOW
    ;(digitalWrite(in3, LOW
    ;(digitalWrite(in4, LOW
                                  {
```