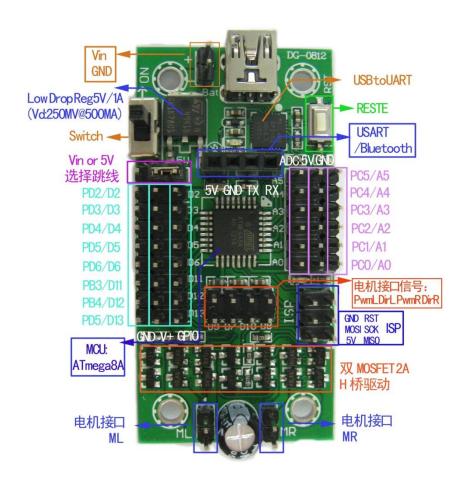
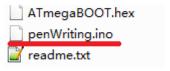
Getting Started Guide

Support OS: windows XP/windows 7

1. connect USB cable from the board:

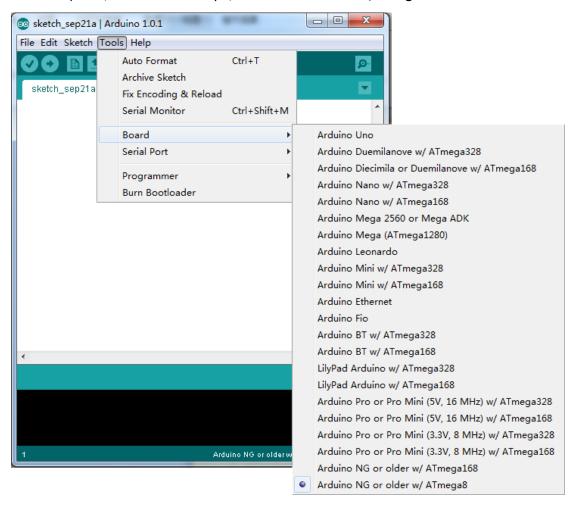


2.look up the file "penWriting.ino", and open with Arduino

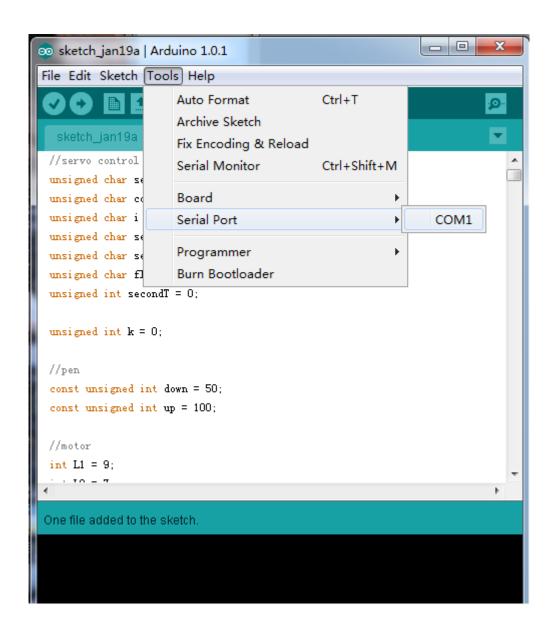




3.before upload ,check the Board style,"Arduino NG or older w/Atmega8"



4.and chose the Serial Port which you plug in the USB



5 after that, chose upload button,

```
- 0
                                                                           ×
\infty sketch_jan19a | Arduino 1.0.1
File Edit Sketch Tools Help
                        Upload
                    penWriting §
  sketch_jan19a
 //servo control
 unsigned char servo = 6;
 unsigned char count = 0;
 unsigned char i = 0;
 unsigned char servoTime = 0;
 unsigned char servoValue = 0;
 unsigned char flag = 0;
 unsigned int secondT = 0;
 unsigned int k = 0;
 //pen
 const unsigned int down = 50;
 const unsigned int up = 100;
 //motor
 int L1 = 9:
One file added to the sketch.
                                           Arduino NG or older w/ ATmega8 on COM8
```

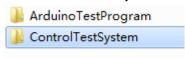
6.after finished upload, it will show like this "Done uploading", and with nothing warning with red text.

```
Done uploading.

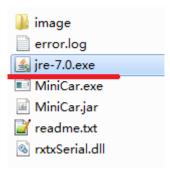
Binary sketch size: 2,726 bytes (of a 7,168 byte maximum)

Arduino NG or olderw/ ATmega8 on COM8
```

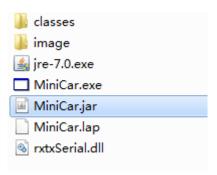
7.when finished uploading, chose the "ControlTestSystem"



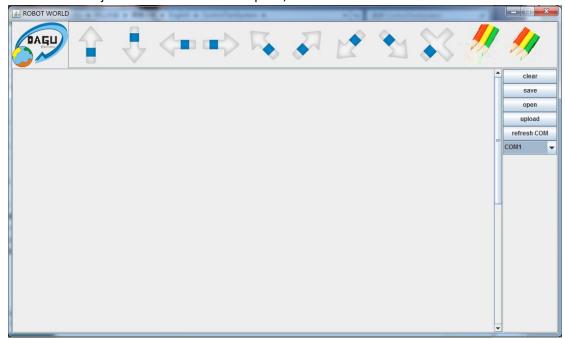
8.install the "jre-7.0.exe",if you have done it before, just past this step.



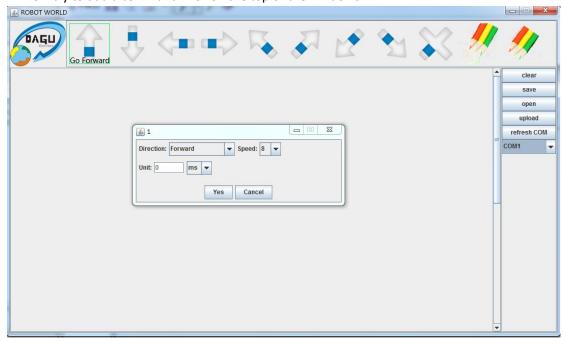
9. Now you can run MiniCar.jar after step 8,



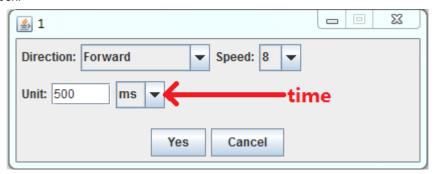
10.the software just like this. And with two parts, one is command and the other was menu.



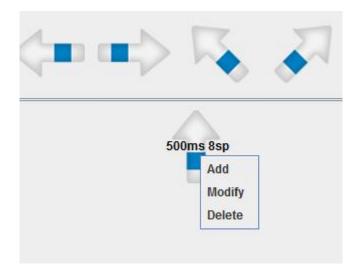
11.now try to add a command with on the top of the windows.



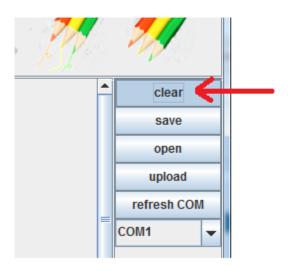
12.the windows will show that the direction, speed, and time, remember to write the time in the textbox.



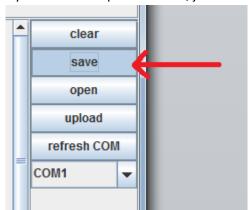
13.if you want to modify, add or delete one of the command, just right click with your mouse beside your command.



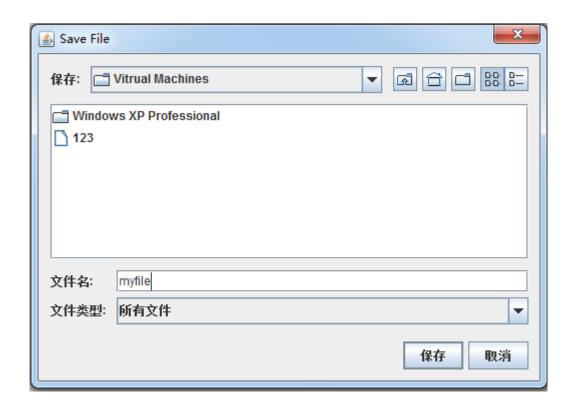
14.the menu shows that you can clear all the commands.



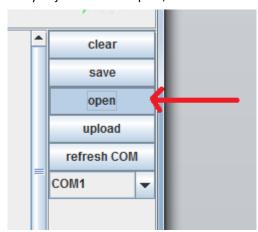
15.when you finished, and you wanted to open next time, just save it

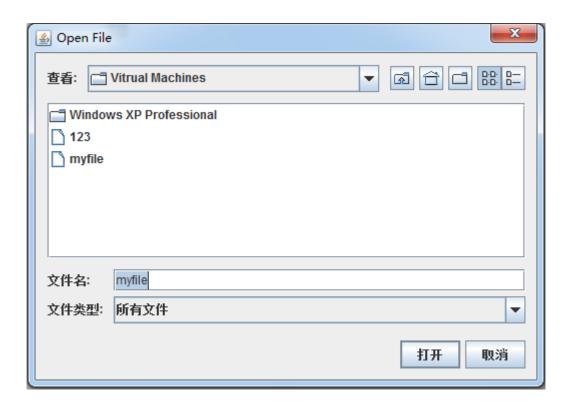


16. The windows just show you which place you want to save and renamed.

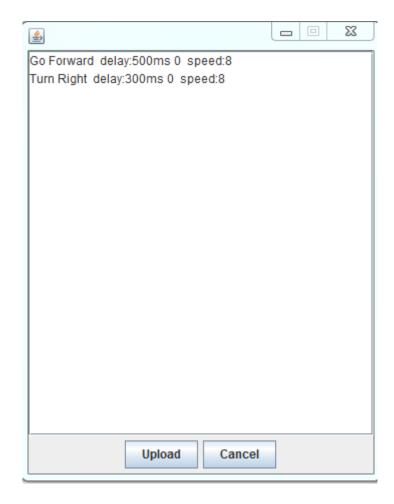


17.try to open the file which you just save in step 16,before that click the clear button

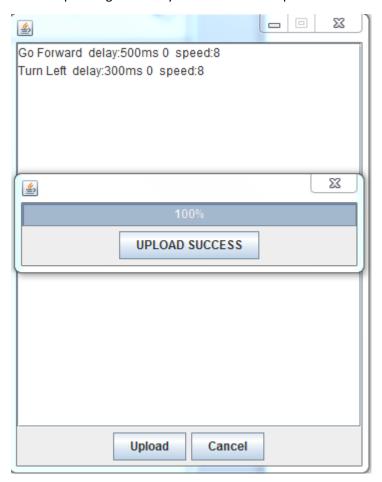




18.when you upload the program, just click the "upload", and check the "COM" serial port.



19.click upload again when you finished check up all the commands.



Try to use it.