

# Android

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April 1, 2014

## 1 Installation

### 1.1 procedure

The procedure is as follows:

1. install jdk
2. configure jdk
3. install Android SDK
4. install eclipse+ADT
5. test

### 1.2 version of software

You'd better use the latest version of the softwares in the above subsection.

## 2 Scores

The scores are made up of 2 parts: your report and the program you write. You must submit your report and program together. I will check every program. If anyone copies a program from the internet or a classmate, you get 0 point in this experiment.

### 2.1 for Freshmen(first grade)

You need to show "hello world!" as figure 1 in an android virtual machine, which provides you with 90 points of this experiment.



Figure 1: example

Those who show something else (something interesting, like "Your video of building android environment is funny!") in an android virtual machine will get 100 points of this experiment.

## 2.2 for junior students(third grade)

You need to show "hello world!" as figure 1 in an android virtual machine, which provides you with 80 points of this experiment. Then I prepare 6 interesting examples of android programs:

AndroidWeatherForecast: giving a weather forecast

Contact: establishing contact list

DrawLineSample: draw a line

EX03\_02: landing

groupMessage: group messaging

TinyDialer: giving a call

Does it sound interesting? what you need to do is to make some changes to one of the programs and achieve something new. Find your creativity and imagination and give me a surprise! Those who do this job will get 100 points. In addition, those who make excellent work in this part of experiment will get a bonus points(1 point for good, 3 points for excellent and Dr. Wang may give you more than 5 bonus points if you excite him!)