Prelude of

Introduction to Mobile Application - Android Programming on Corona SDK

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Variability Expedition

Are you ready !?

To be continued….

Before capturing Pokemon, what you need to do:

1. Download this

2. Download this

3. And download this

1. Corona SDK
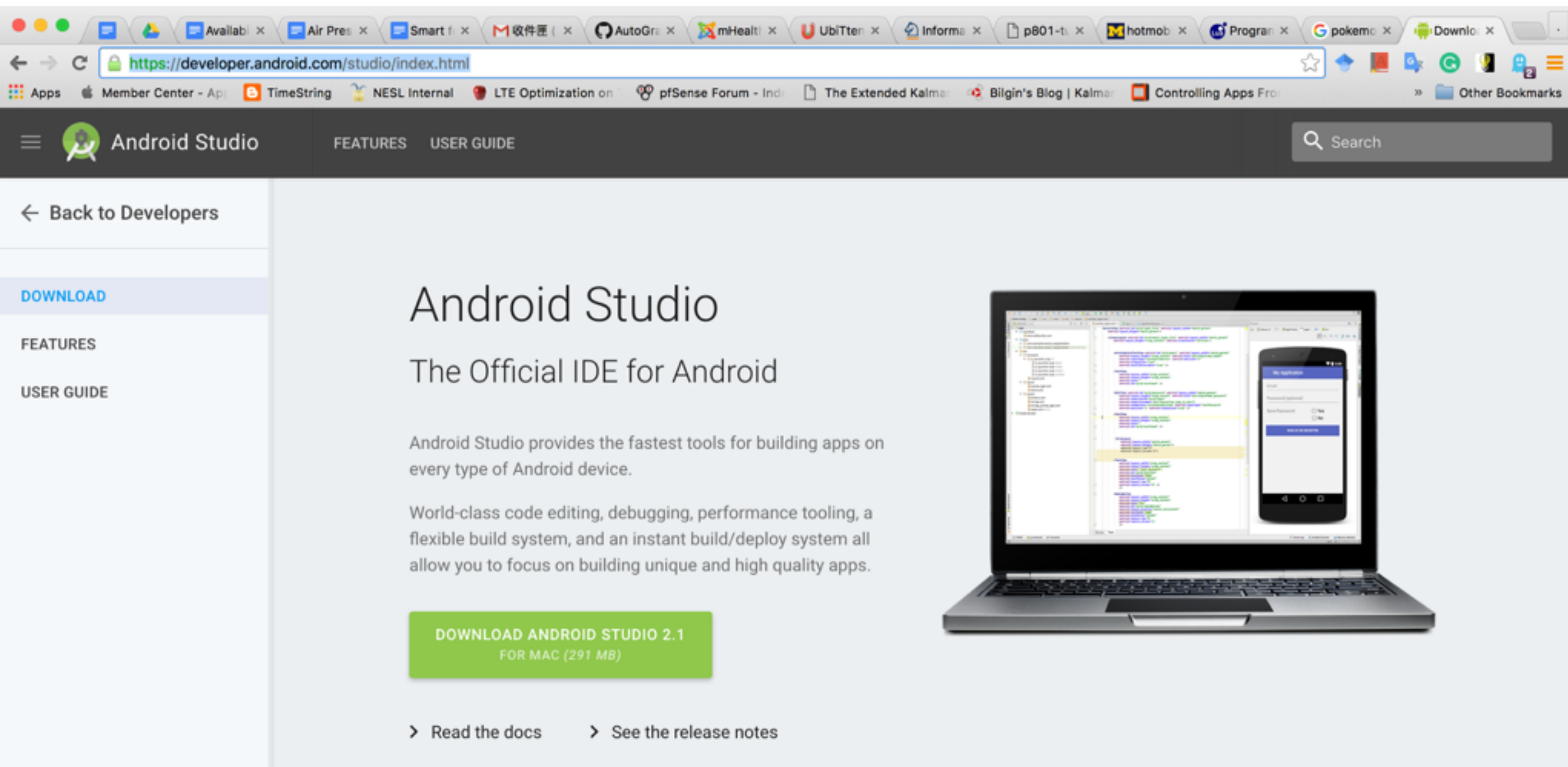
- 1. Go to https://coronalabs.com/ , you will see
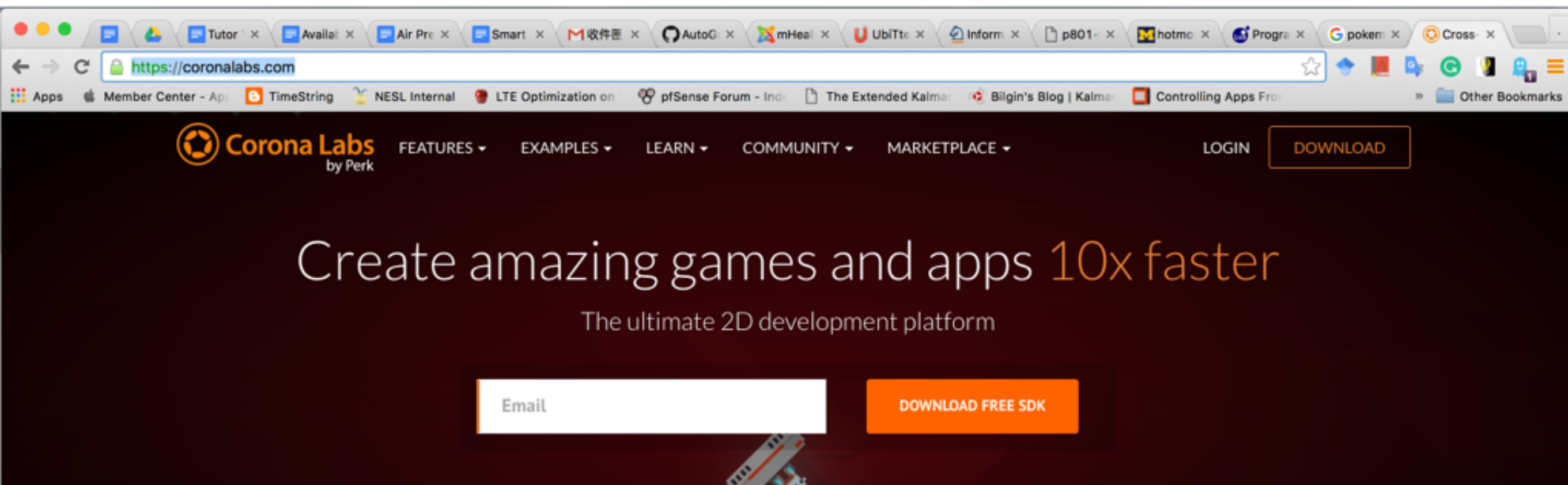
- 2. See the download? Click it!

- 3. It seems before you download, you have to register an account
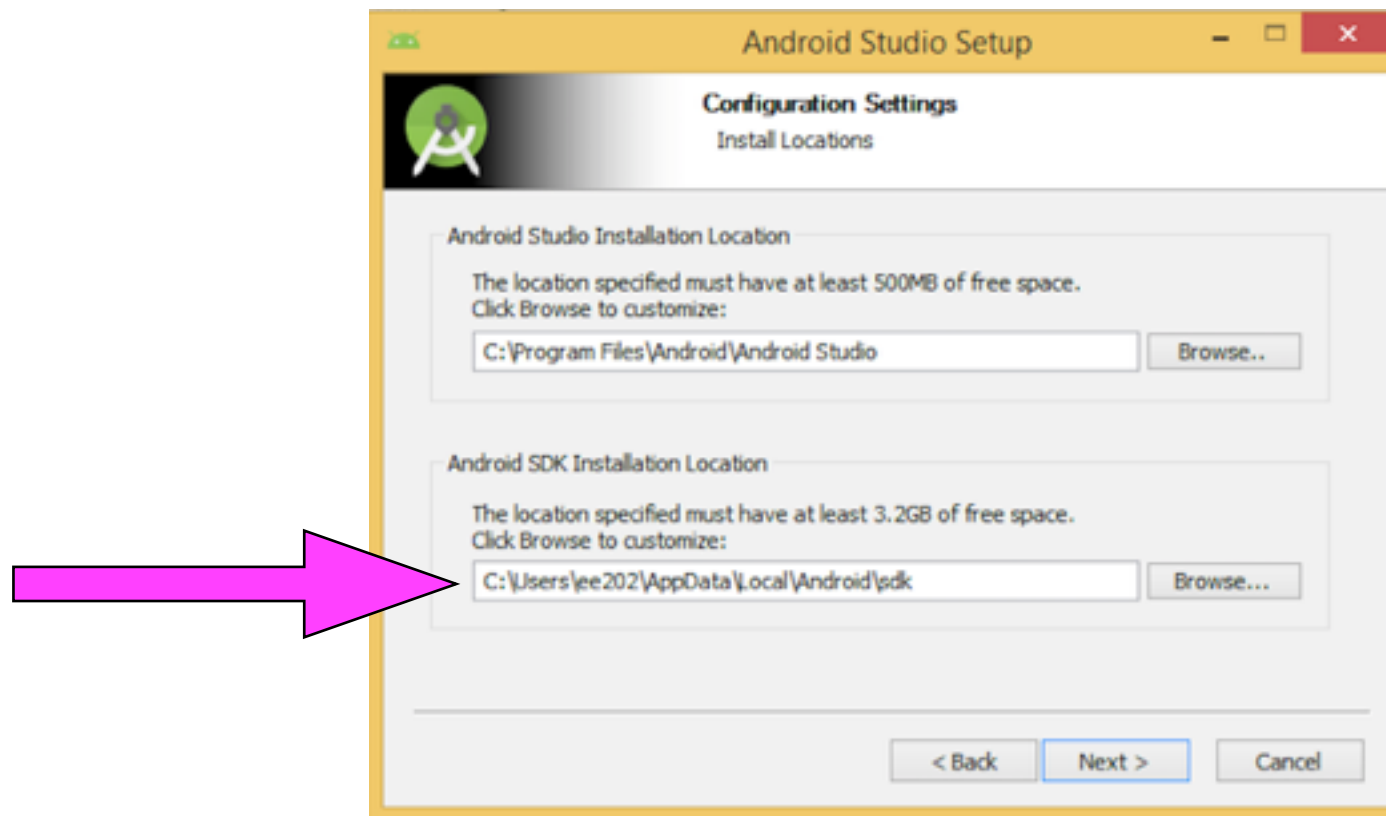
- 4. Of course, install it!

2. Android Studio

- 1. Go to https://developer.android.com/studio/index.html , you will see

2. Android Studio (cont')

- 1. (cont') I don't have enough space, but you know what I mean, click the download button!! (And of course install it)

- 2. Hey hold on, when you install it, one of the window you'll see is probably this:

- See this box? Copy the path to somewhere else! We're going to use it later

3. Java

- 1. DON'T DOWNLOAD THE LATEST VERSION!

- 2. Let me direct the correct link:
  http://www.oracle.com/technetwork/java/javase/downloads/jdk7-downloads-1880260.html
  It's a little bit long, but I guess you can copy-n-paste right ;)

- 3. So, scroll down a little bit, you should see

Just this section!
Don't touch others!

3. Java

- 4. Installation time!

- 5. Hold on again: the second time to take note
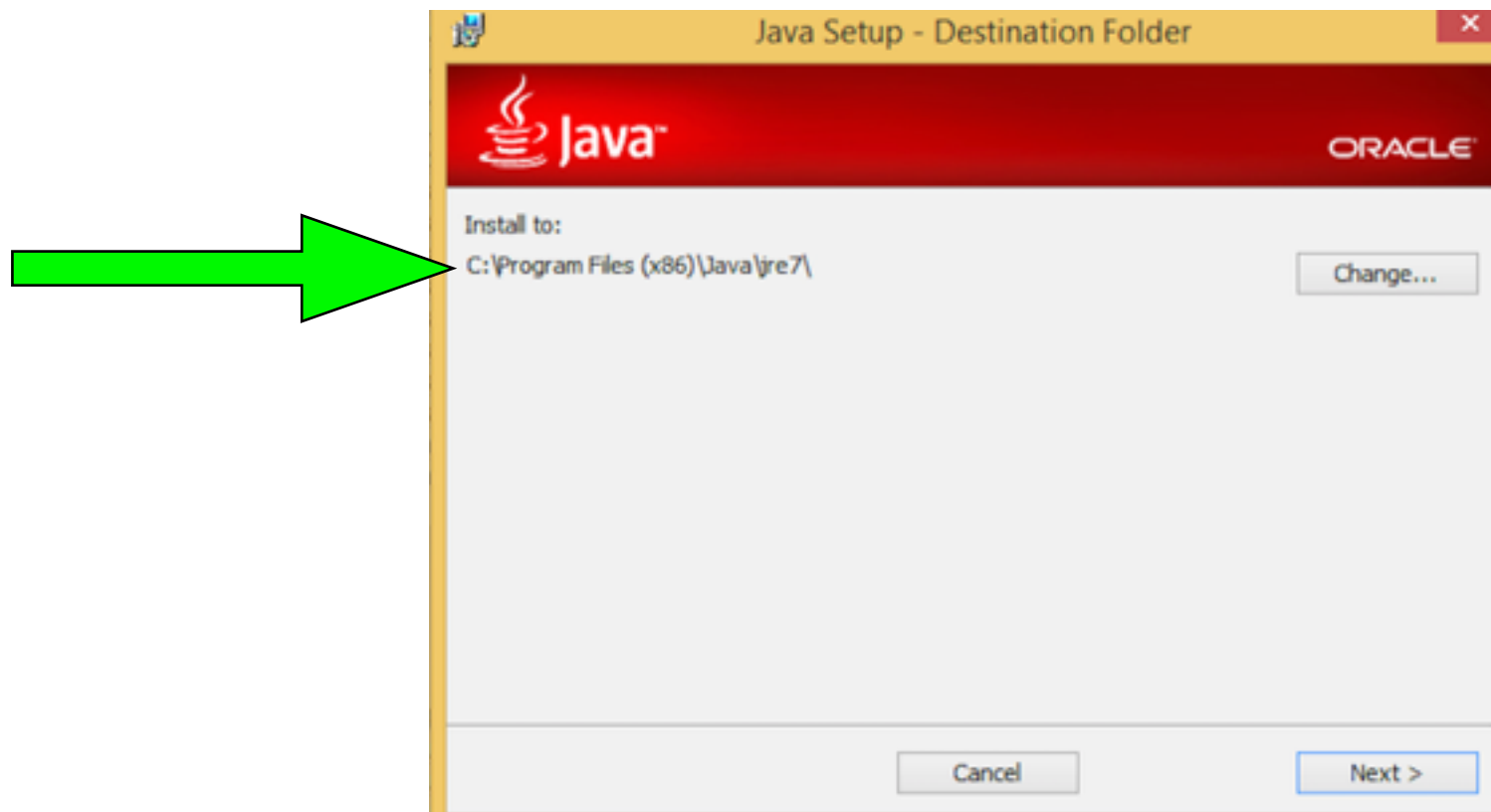
4. Real hacking (yay!) - Environment variable

- **Windows users first (if you're using Mac/Linux, go to the next slides)**

- 1. The most rare Pokemon is in the deepest cave, we need to find it out!

- 2. Click "This computer" icon

- 3. See the window on the right? Right click "This computer" and click "Properties" in the menu

4. Real hacking (yay!) - Environment variable

- **Windows users first (if you're using Mac/Linux, go to the next slides)**

- 4. See this window? Click "Advanced system settings"
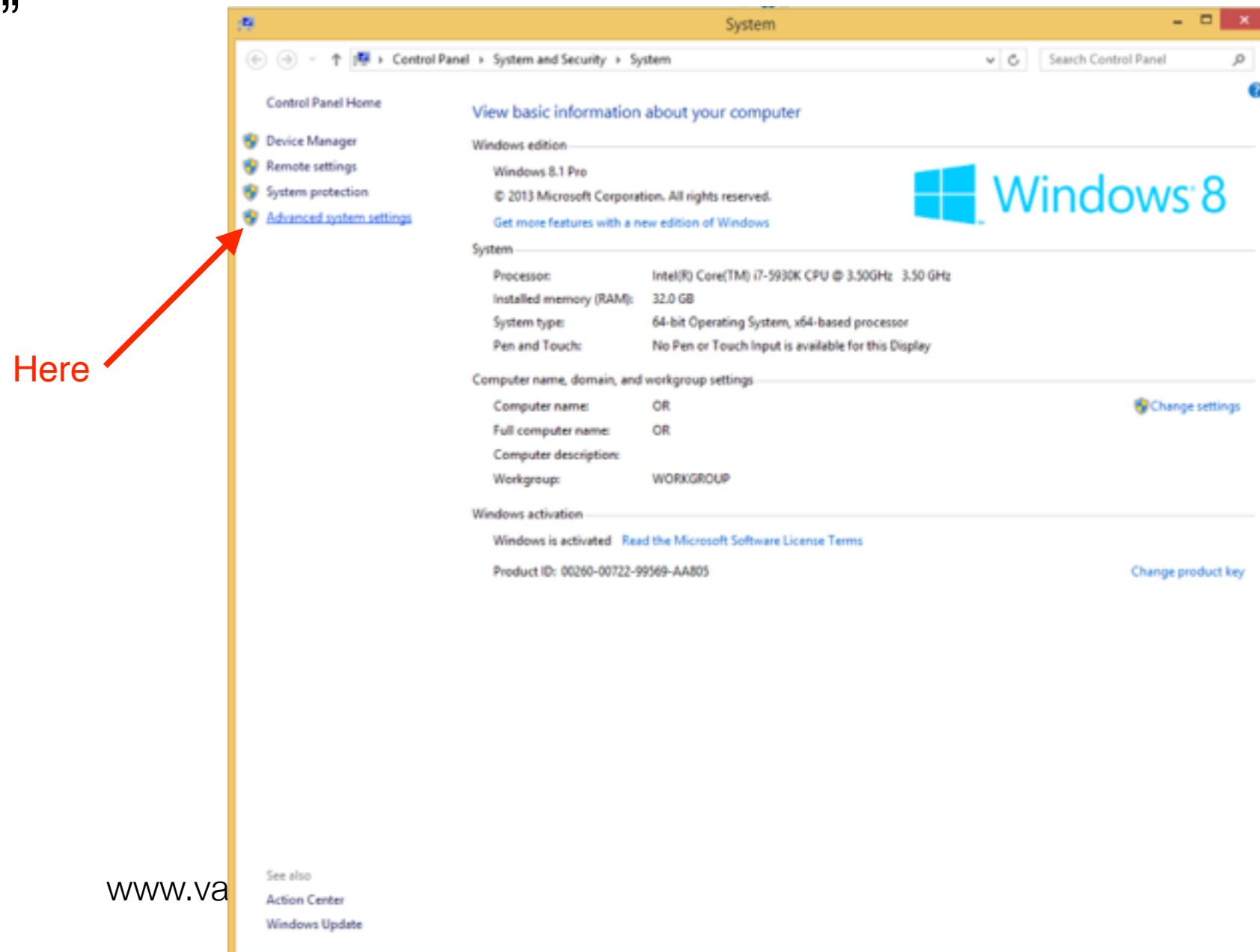
Here

4. Real hacking (yay!) - Environment variable

- **Windows users first (if you're using Mac/Linux, go to the next slides)**
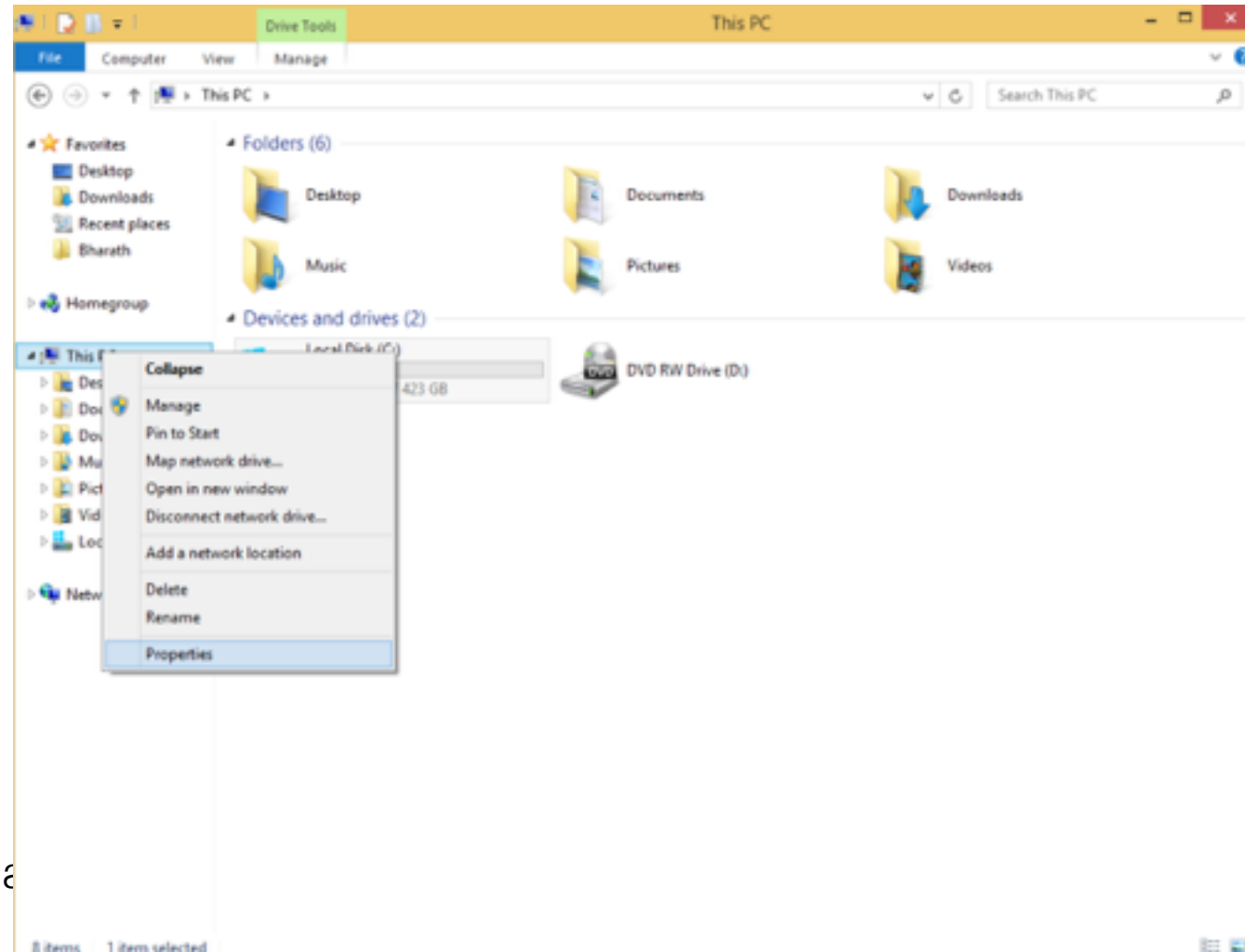
- 5. Don't get panic! Click "Environment Variables…"
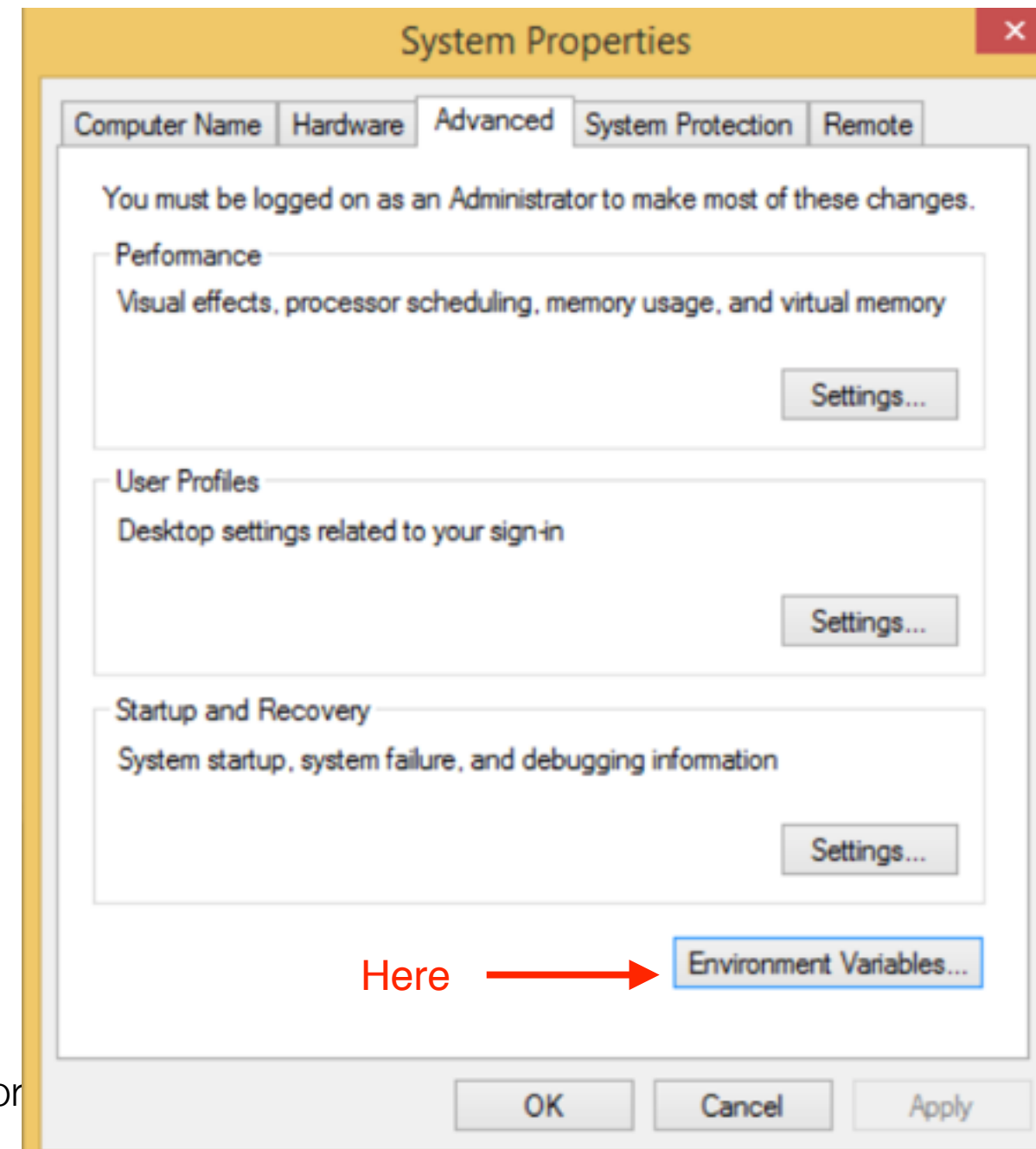
4. Real hacking (yay!) - Environment variable

- **Windows users first (if you're using Mac/Linux, go to the next slides)**

- 6. Prepare your Pokeball: Find "Path"
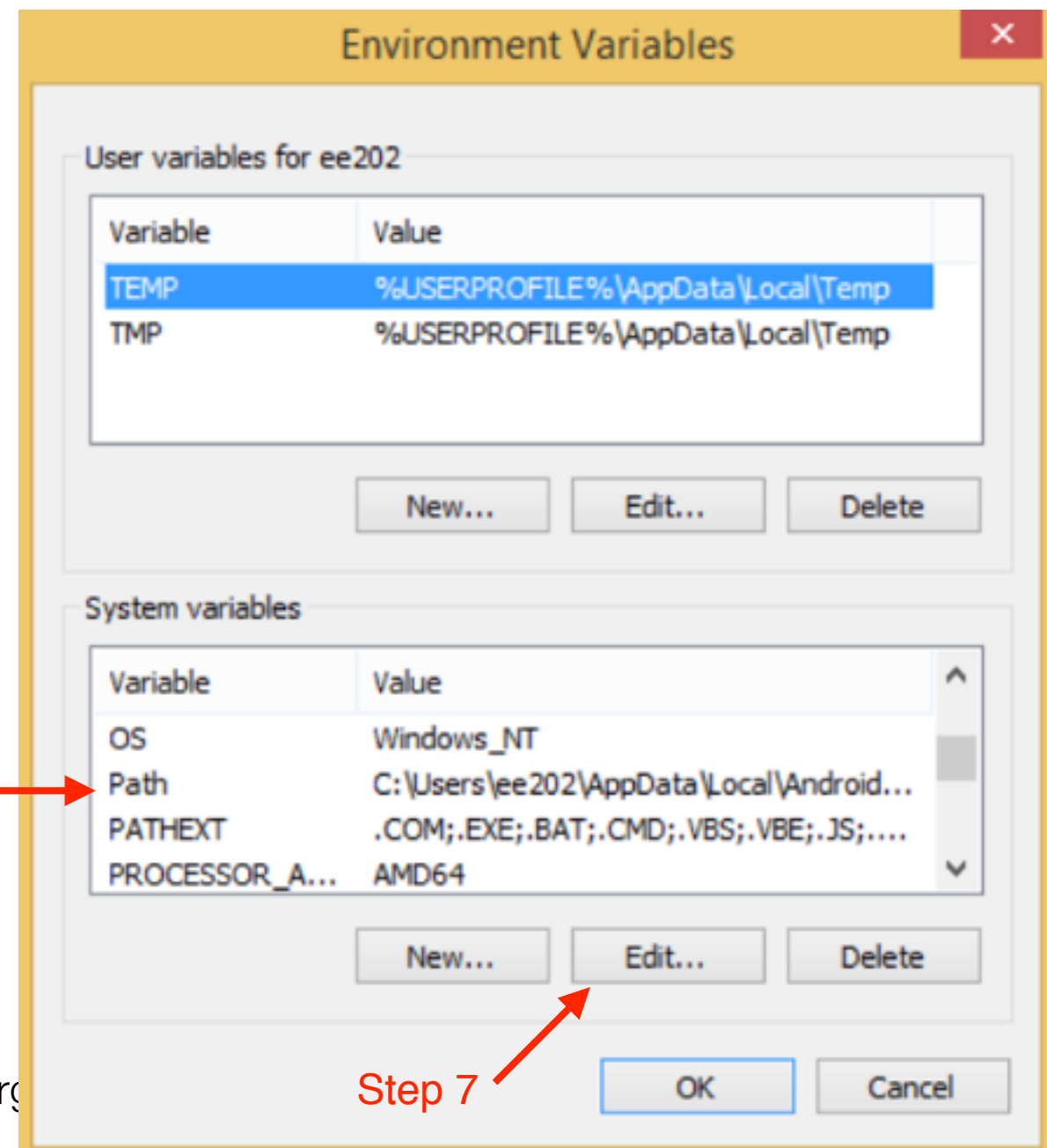 variable

- 7. Click "Edit"

4. Real hacking (yay!) - Environment variable

- **Windows users first (if you're using Mac/Linux, go to the next slides)**

- (Do you remember I told you to make two notes?)

- 8. Now it's real dangerous! DON'T DELETE ANYTHING! Move your cursor to the very end, put a ";" and then ➡ and then "`\platform-tools\;`" and then ➡ and then "`\bin\`", that's it!

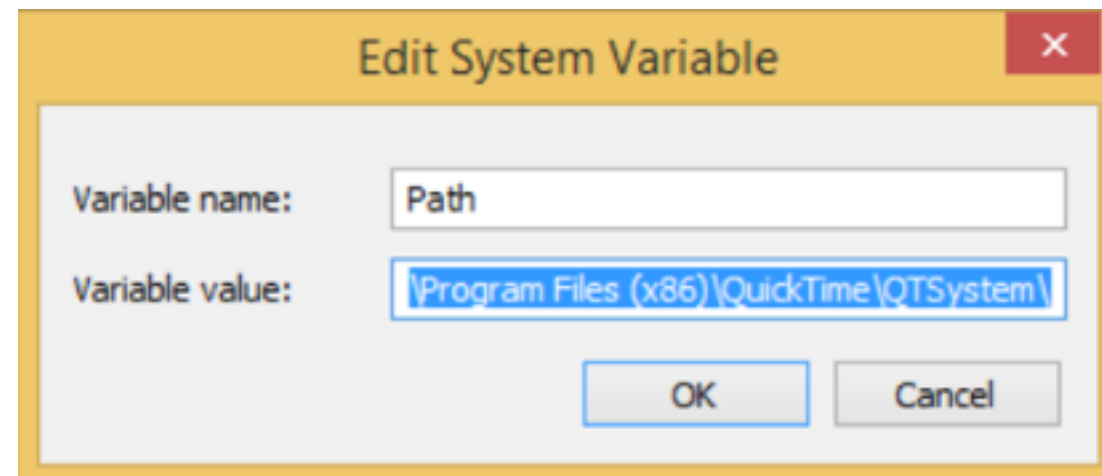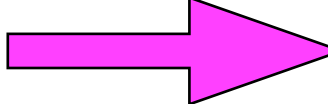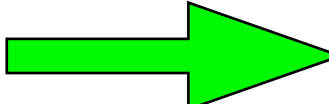- For example, I'm going to <u>append</u> ";C:\Users\ee202\...\sdk\platform-tools\;C:\Program Files (x86)\Java\jre7\bin"

4. Real hacking (yay!) - Environment variable

- **Windows users first (if you're using Mac/Linux, go to the next slides)**

- 9. Make sure you've captured the Pokemon: Open cmd (windows key, type cmd, enter), type "java" and "adb"

- If it splits a bunch of messages, it means you success!
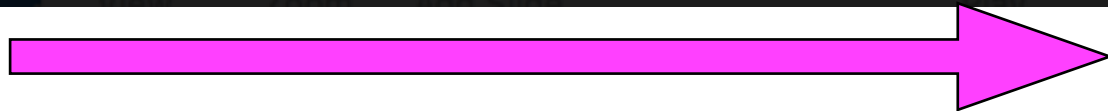
- If it shows command unfound, QQ

4. Real hacking (yay!) - Environment variable

- **Mac/Linux users now**

- 1. Open "`~/.bashrc/`" (Linux) or "`~/.bash_profile/`" (Mac) from any text editor

- 2. Do you remember I told you to take notes? It's time to use them

- 3. To the very end, type:

```
export PATH=/Users/timestring/Library/Android/Sdk/platform-tools:$PATH
```

Don't just copy! Replace the arrow to the note you take

www.variability.org

4. Real hacking (yay!) - Environment variable

- **Mac/Linux users now**

- Are you sure the Pokemon is in the Pokeball? Launch the terminal!

- 4. Type command "java" and "adb", both of them split a bunch of messages, congratulations!

- Otherwise, QQ

5. Toward Pokemon Master - Sublime

• Download this! You'll never regret

Sublime Text 3

Send any questions to
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