

# Coding Time

## Truffle Tutorial

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Phang Jun Yu



BLOCKCHAIN  
AT NTU

# Password = web3



# What are we using?

## ❑ Truffle

- ↳ A **development environment**, testing framework and asset pipeline for Ethereum.
- ↳ Creates basic Solidity templates and lets us test and publish.



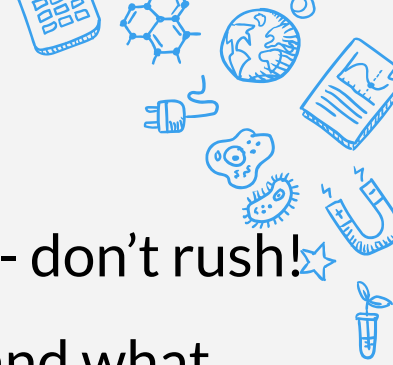
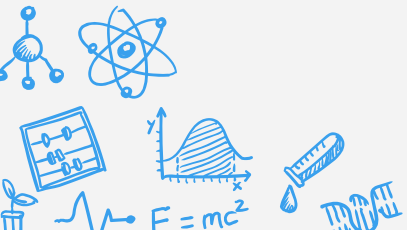
## ❑ Ganache

- ↳ Creates a (test) **virtual Ethereum blockchain**, and it generates some fake accounts that we will use during development



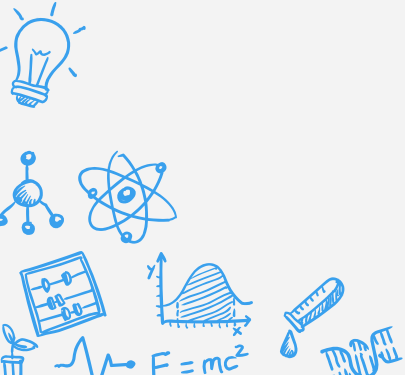
# Guidelines

- ❑ Everyone works at a different pace so take your time - don't rush!★
- ❑ Read every line carefully and make sure you understand what each line of code does
- ❑ If code snippets are provided - do your best to type them out letter by letter instead of copy-pasting
- ❑ Ask any of us if you have questions!!!



# Ta-dah!

<https://truffleframework.com/tutorials/pet-shop>



# Things to note:

If you're using Visual Studio Code:

Click on Extensions in the leftmost panel. It's the bottom-most icon. Search for "solidity" and download the extension. It will color-code all your code and make it more readable.

 If you're using Windows:

Run "truffle.cmd compile" instead of "truffle compile"

