

STMC coding team training

Course outline

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February 22, 2024



Self Introduction

- Tsai Yun Chen (Vincent)
- Graduated from STMC in 2020
- Graduated from HKUST in 2024
- Now working as Research Assistant at HKUST



Some of my past and current project

- windows software: selling system (ICT SBA), CMD-based/GUI-based game
- web development: local file sharing server, web-based visual novel
- research-related: dynamical system simulation, system verification

1.3.3 Main Menu



Figure 1: ICT SBA

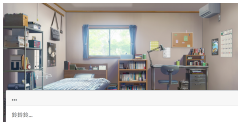


Figure 2: visual novel

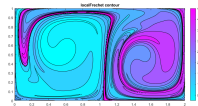


Figure 3: computation



What do you expect to learn here?

- Basic syntax of Python
- Ability of read and write program in a structured way
- Problem Solving skills
- Mathematics skills
- ~~Debug and suffer~~



What will you need to do?

- In-class practice
- Small and simple group homework problem (to be assigned next lesson)



What are expected from you?

1. Practice and be patient

Work on exercise problems yourselves or with your friends and do coding hands-on; Coding can sometimes be frustrating, but don't give up too easily!



What are expected from you?

2. Speak out

Speak out if you don't understand or you got any ideas to share. There's no shame in asking questions. Discuss with others and share your ideas / difficulties! Also feel free to contact me if you have anything related to programming that you want me to include in the lesson.



What are expected from you?

3. Explore

I will be teaching you for only 8 lessons, it is impossible to cover all the interesting material in the world of coding and programming, besides suggesting material for me to include in the lecture, you can (and also suggested to) explore yourself in the internet and try out different interesting projects.



Some Extra information

- Course website: <https://www.stmc.edu.hk/codingteam/>
- Whatsapp Group: <https://chat.whatsapp.com/JPaKBmGSyyp0cLDNDjqePJ>



Figure 4: Whatsapp Group



Without further ado, Let's get started ...

