



Introduction to Information Systems - Understanding the digital world

6 Programming with Python and Scratch

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12001102, Fall, 2024





Today's schedule

- **Review of Mini test #5 (5')**
- **Programming & Python (15')**
- **Scratch advanced (60')**
- **Information & homework (10')**

Programming & Python



<https://www.youtube.com/watch?v=hb7Q33ysCwI> (Coding is not difficult, 7')



<https://www.youtube.com/watch?v=l2wURDqiXdM> (Learn Python in 5 minutes, 7')



This lecture is just an introduction. If you are interested, there are many free online courses available.

Game developing with Scratch

1. Create an account on Scratch (see <https://www.youtube.com/watch?v=se8di8cBj70>).
2. Watch a tutorial <https://www.youtube.com/watch?v=1jHvXakt1qw>.
3. With your account, first create the same game as introduced in the above tutorial.
4. Then create your original game and try to make it as fun as possible (in your opinion).
5. Share the project by click the "Share" button.
6. E-mail me the link of your game to liangzhao@acm.org before 9am, Nov. 4th. TA and I will grade it based on our impression (the final grade will be averaged).

Homework

Complete

the Scratch game, share it, and send me the link.

Read

Chapter 6.

Find

why a programmer may think Oct 31 = Dec 25.



Information on the class survey

- Your feedback is important to help me know what you think about the course so that I can improve it in the following classes. You may provide feedback with the mini tests.