

To-Do

Lecture 28 covered Turing Machines and the basic components of λ -calculus. Note the following.

1. *Continue working on HW-6.* You should be about half way done with HW-6.
2. *Study for Exam 2.* Exam 2 is on Monday.
3. *Review the lecture notes.* Be sure to study the lecture notes and the examples.

Things to Know:

- You need to understand the components of Turing Machines.
- You need to know how to create Turing Machines for simple problems. See the lecture notes for two examples (these are the level you will need to understand).
- You need to understand what a Universal Turing Machine is.
- You need to understand what Turing Complete means.
- You need to understand the basic components of λ -calculus (functions, applications, expressions).