

Welcome to CS 61A

About the Course



Parts of the Course

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Lecture: Videos posted to cs61a.org Sunday, Tuesday, & Thursday @ 5pm

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2pm					
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Later	Finish the lab		Tutorials		

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Piazza: All staff (private posts) and students (public posts)

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cs61a.org: Self-service answers to many questions

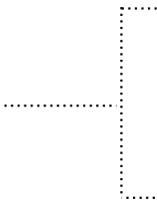
An Introduction to Computer Science

What is Computer Science?

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The study of

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The study of  What problems can be solved using computation,

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How to solve those problems, and

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- What techniques lead to effective solutions

What is Computer Science?

The study of Systems

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Networking

Programming Languages

Theory

Scientific Computing

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- Decision Making

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- Robotics

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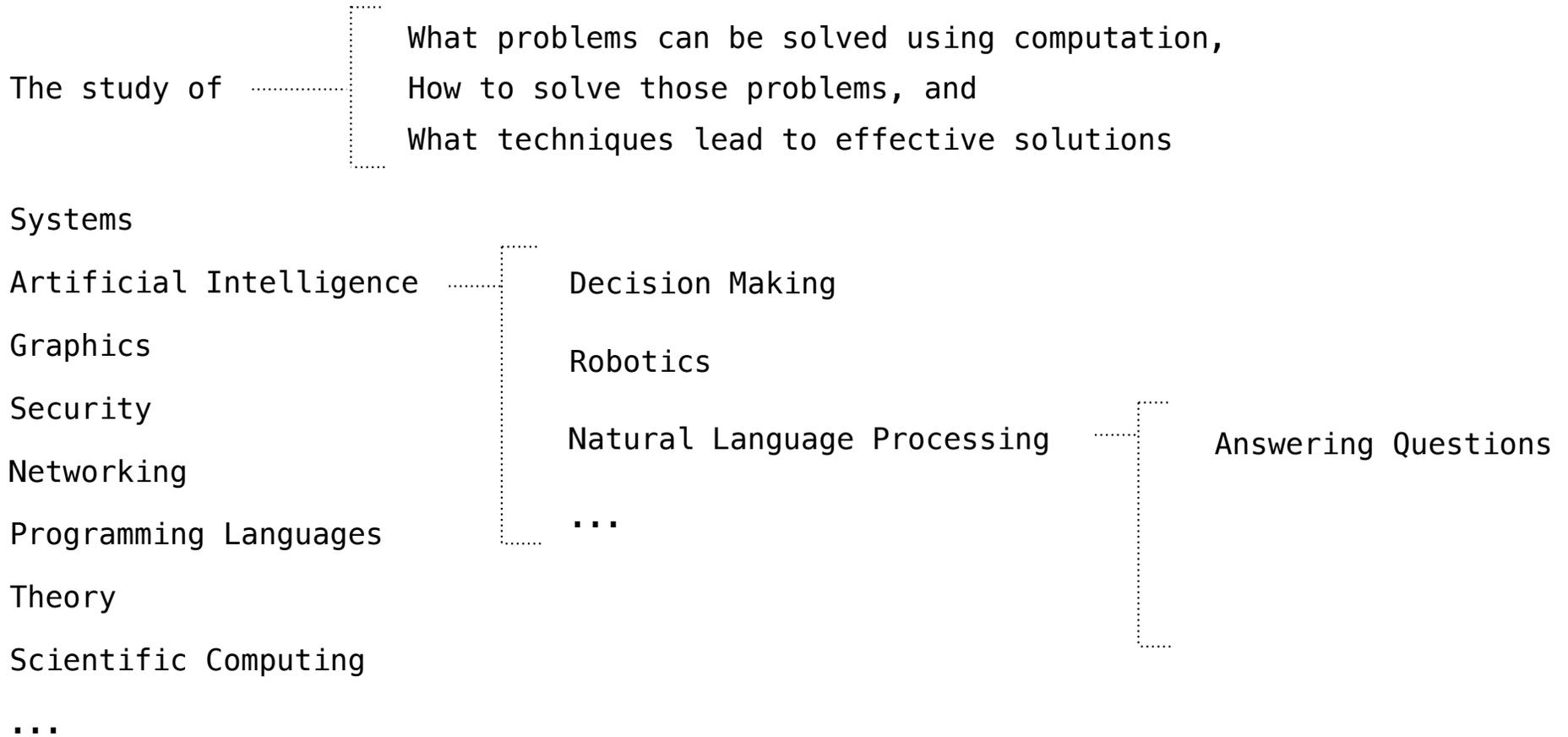
Decision Making

Robotics

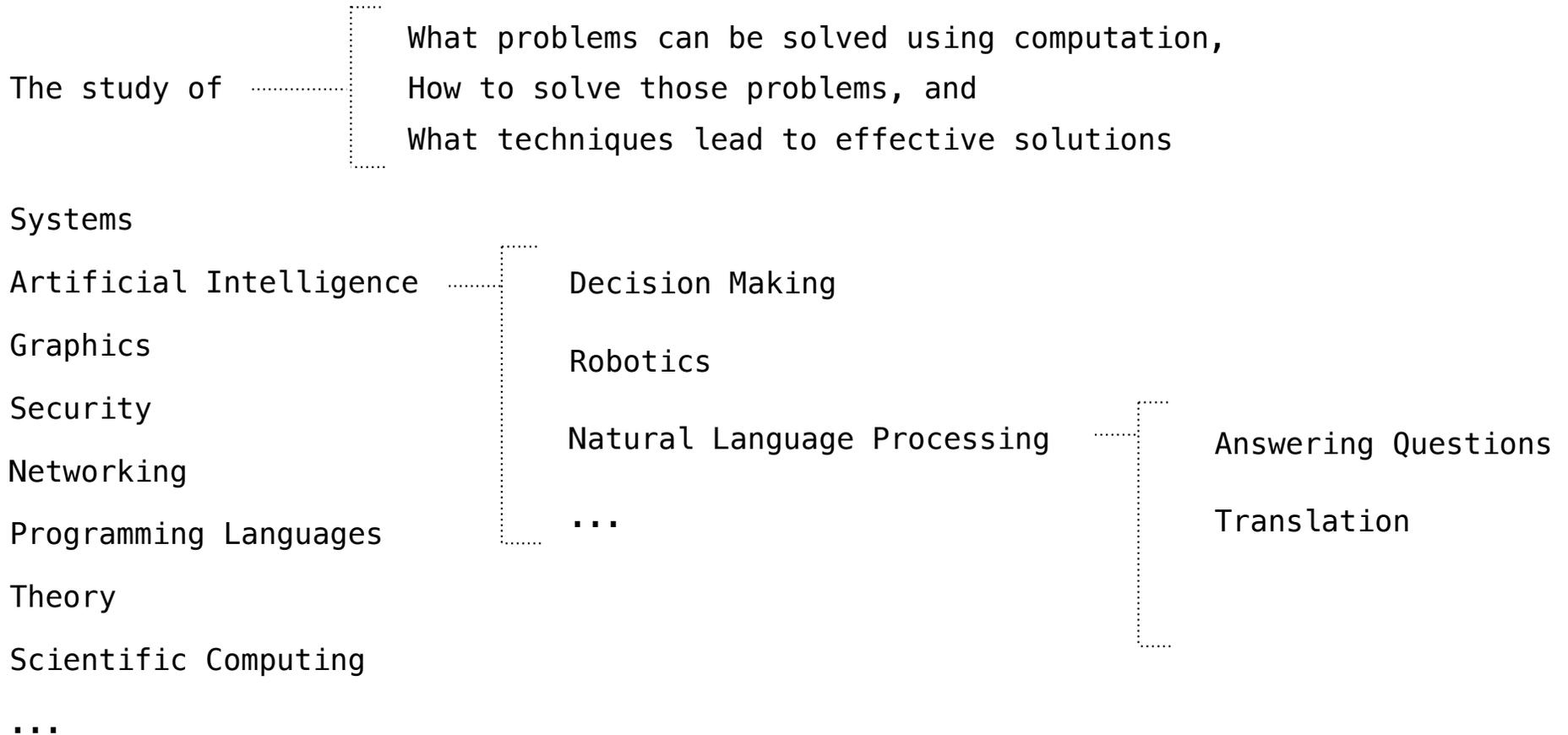
Natural Language Processing

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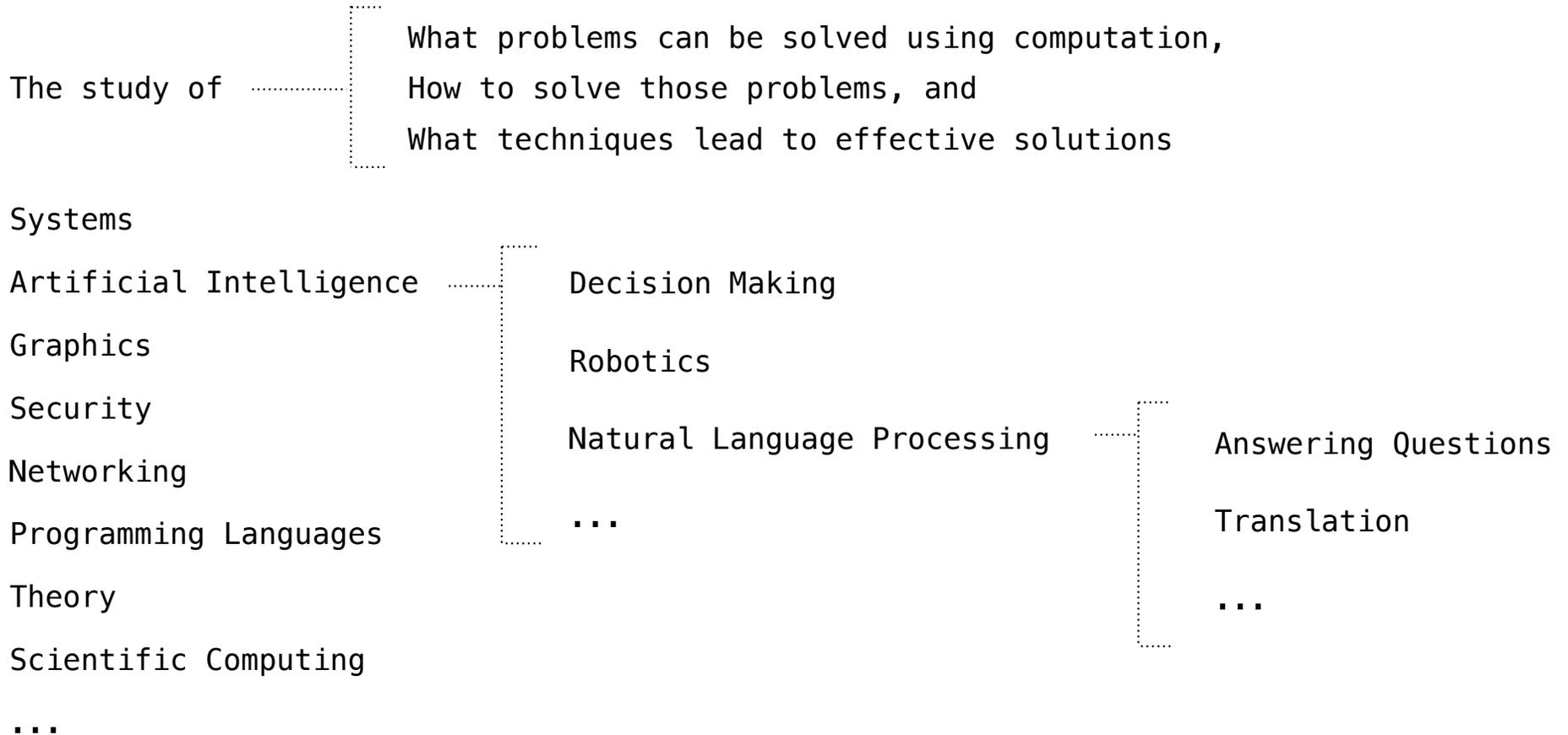
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A course about managing complexity

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Combining multiple ideas in large projects



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How computers interpret programming languages

Different types of languages: Scheme & SQL



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Full understanding of Python fundamentals

Combining multiple ideas in large projects

How computers interpret programming languages

Different types of languages: Scheme & SQL

A challenging course that will demand a lot of you



CS 10: The Beauty and Joy of Computing

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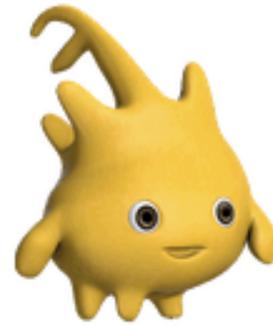


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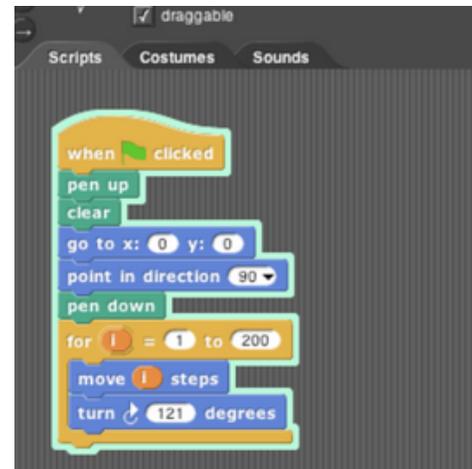
A programming environment created by Berkeley,
now used in courses around the world and online



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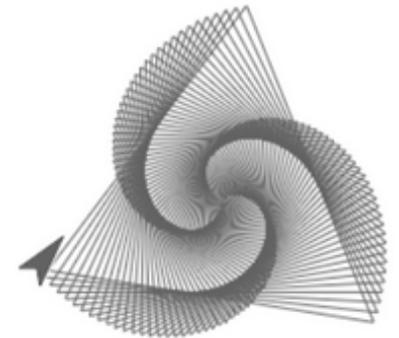
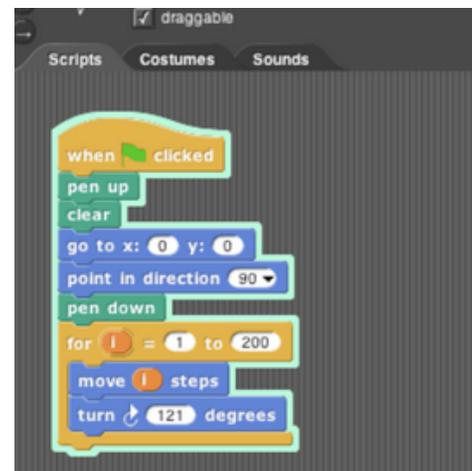
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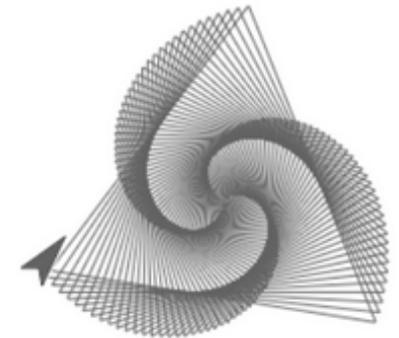
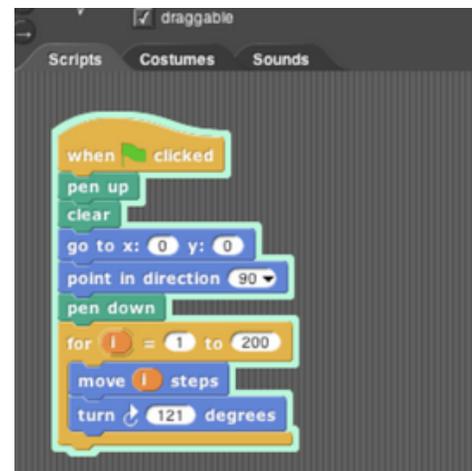


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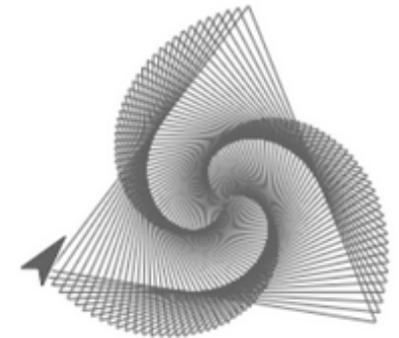
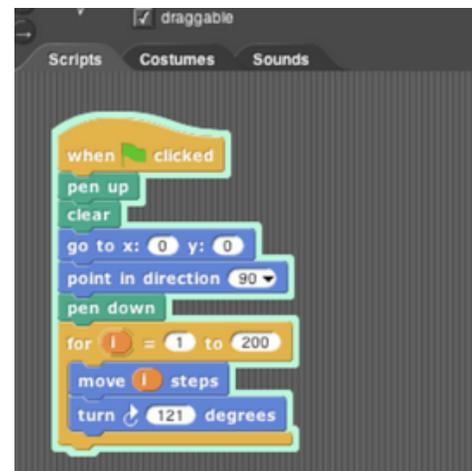
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More info: <http://cs10.org/>



Course Policies

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Learning

Learning
Community

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Course Staff

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Details...

<https://cs61a.org/articles/about.html>

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- We really do catch people who violate the rules, and we're getting better at it.

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Build good habits now

Functions, Values, Objects, Interpreters, and Data

(Demo)

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