Welcome to CS 61A
About the Course
Parts of the Course
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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?
What is Computer Science?

The study of
What is Computer Science?

The study of what problems can be solved using computation,
What is Computer Science?

What problems can be solved using computation, How to solve those problems, and
What is Computer Science?

The study of

- What problems can be solved using computation,
- How to solve those problems, and
- What techniques lead to effective solutions
**What is Computer Science?**

- The study of

What problems can be solved using computation,

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Systems
What is Computer Science?

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The study of Systems

Artificial Intelligence
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Systems
Artificial Intelligence
Graphics
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Security
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- What problems can be solved using computation,
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- Systems
- Artificial Intelligence
- Graphics
- Security
- Networking
- Programming Languages
- Theory
- Scientific Computing

...
What is Computer Science?

What problems can be solved using computation,
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The study of

Systems
Artificial Intelligence
Graphics
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Robotics
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Graphics  Robotics
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Answering Questions
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A course about managing complexity
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A challenging course that will demand a lot of you
CS 10: The Beauty and Joy of Computing
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Designed for students without prior experience
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A programming environment created by Berkeley, now used in courses around the world and online
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More info: http://cs10.org/
Course Policies
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Learning
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Learning

Community
Course Policies

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Course Staff
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Learning

Community

Course Staff

Details...

https://cs61a.org/articles/about.html
Collaboration
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Asking questions is highly encouraged
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• Discuss everything with each other; learn from your fellow students!
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**The limits of collaboration**
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**The limits of collaboration**
- *Please don’t look at someone else's code!*
  Exceptions: lab, your project partner, or after you already solved the problem
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**Build good habits now**
Functions, Values, Objects, Interpreters, and Data

(Demo)
What happens next?
What happens next?

- Tutorials will meet today, starting now: tutorials.cs61a.org
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• We're done!