

CS 61λ

Discussion 0

[Link: cs61a.org/disc/disc00.pdf](https://cs61a.org/disc/disc00.pdf)

[Welcome Survey: cs61a.amks.me/henlo](https://cs61a.amks.me/henlo)

Song Rec:

Here Comes The Sun
by The Beatles

“I believe that at the end of the century the use of words and general educated opinion will have altered so much that one will be able to speak of machines thinking without expecting to be contradicted.”

- Alan Turing

Announcements

About Me



Sophomore studying Computer
Science, Economics and
Astrophysics

arushisomani@berkeley.edu

OH

Currently up in the air, will keep you updated

cs61a.org

amks.me/zoom

cs61a.amks.me

CS61A: UC Berkeley, Summer 2020

Please direct all questions to arushisomani@berkeley.edu.

~ Announcements ~

[6/22] For freshmen bears: [what's up with everyone saying "announcements" like that?](#)

[6/22] The class schedule is not set in stone! Don't rely on it for important discussions — reach out to us instead.

Schedule And Content

[My Rating System Explained](#)

Week	Date	Topic & Theory	Discussion	Lab
1	Mon 6/22	Intro Initial Advise		Lab 00
	Tue 6/23	Functions	Discussion 00	

CS61A: UC Berkeley, Summer 2020

Please direct all questions to arushisomani@berkeley.edu.

~ Announcements ~

[6/22] For freshmen bears: [what's up with everyone saying "announcements" like that?](#)

[6/22] The class schedule is not set in stone! Don't rely on it for important discussions — reach out to us instead.

Schedule And Content

[My Rating System Explained](#)

Week	Date	Topic & Theory	Discussion	Lab
1	Mon 6/22	Intro Initial Advise		Lab 00
	Tue 6/23	Functions	Discussion 00	

Why 61A?

Why Python?

The Good News

You have more resources available to you than
you probably know what to do with.

The Good News

After a few weeks, prior experience is no longer a factor in terms of performance.

The Good News

The more you practise, the easier this class gets.

The Good News

I'm at your beck and call 24/7! (ish)

FAQ

Q: What is this class about?

A: Developing intuition.

FAQ

Q: What do I have to do each week?

A: 4 lectures, 2 discussions, 2 labs, 1 homework, 1/2 project.

FAQ

Q: What's the diagnostic quiz?

A: It's something new we're doing this summer. 5(/300)
points, graded on completeness, July 2

Collaborating

Don't collaborate and copy code on graded assignments.
Please.

Your Health > This Class

If you feel yourself struggling, please reach out. This class, the grades, or your GPA is not as important as your well-being.

CAPS, 510-642-9494

Biggest Piece of Advise

Accept that you will struggle.

Enjoy the class despite it.

My Teaching Style

Understanding concepts and their applications

Learning to break down problems into parts

Asking motivating questions

How Discussions Will Work

Please throw out suggestions while the class is doing problems!

Being wrong is a good thing! It helps you correct your thought process.

Discussion 0

Getting Started

Question 1

Item	Your Rank (1)	Group's Rank (2)	NASA's Rank (3)
Box of matches			
Food concentrate			
50 feet of nylon rope			
Parachute silk			
Solar-powered portable heating unit			
Two .45 caliber pistols			

One case of dehydrated milk			
Two 100-pound tanks of oxygen			
Stellar map (of the moon's constellations)			
Self-inflating life raft			
Magnetic compass			
5 gallons of water			
Signal flares			
First-aid kit containing injection needles			
Solar-powered FM receiver-transmitter			
Total			

Question 2 [Optional]

```
>>> 3 + 4 ** 2
```

```
>>> a = 6 + 2 * 4
```

```
>>> a
```

```
>>> b = (2 + 2) * 2 + 3 % 2
```

```
>>> b
```

```
>>> a + 2 * b
```

```
>>> b += a      # Equivalent to b = b + a
```

```
>>> a
```

```
>>> b
```


Ratings Pages!

cs61a.amks.me

Feedback!

cs61a.amks.me/feedback

