



CS 61A

DISCUSSION 0

August 25, 2016

```
>>> import this
The Zen of Python, by Tim Peters

Beautiful is better than ugly.
Explicit is better than implicit.
Simple is better than complex.
Complex is better than complicated.
Flat is better than nested.
Sparse is better than dense.
Readability counts.
Special cases aren't special enough to break the rules.
Although practicality beats purity.
Errors should never pass silently.
Unless explicitly silenced.
In the face of ambiguity, refuse the temptation to guess.
There should be one-- and preferably only one --obvious way to do it.
Although that way may not be obvious at first unless you're Dutch.
Now is better than never.
Although never is often better than *right* now.
If the implementation is hard to explain, it's a bad idea.
If the implementation is easy to explain, it may be a good idea.
Namespaces are one honking great idea -- let's do more of those!
>>>
```

ANNOUNCEMENTS

- + Lab 0 is take-home and due Monday.
- + There is lab on Tuesday and Wednesday of next week, where you'll start diving into material!
- + Homework 1 is released (or should be soon) and will be due one week from today.
- + Finding a project partner in your section is encouraged... but not required.
- + Read the syllabus and Piazza guidelines!
- + Make sure you're enrolled in bCourses and Piazza.
- + Homework is in three parts: vitamins, regular problem set, and quiz. You're only allowed a partner for the problem set.
- + There will be online lecture, lab, and discussion videos linked in the course calendar.
- + Your OK email is your bCourses email!

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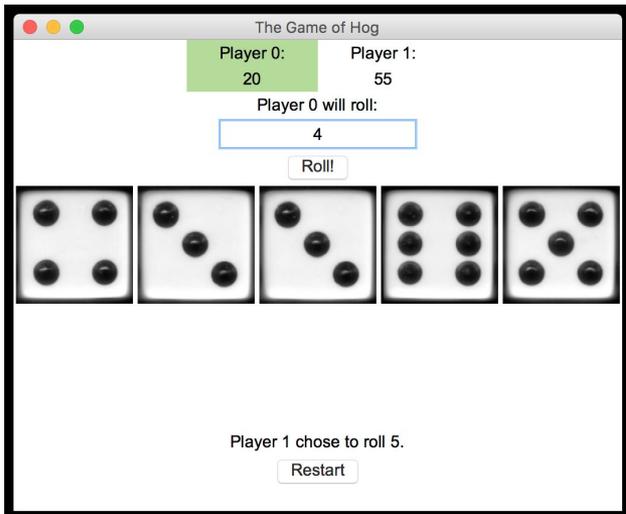
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INTRODUCTIONS

ABOUT THE CLASS (CS 61A)

CS 61A is Berkeley's intro CS class. (It assumes you know nothing!) In it, you'll learn how to write well-organized code and, later, more about the mechanisms by which computers process your programs. Languages used include Python, Scheme, and SQL.

It's a very hands-on subject: you'll be writing your own stuff for pretty much the whole course. :)



ABOUT ME (OWEN)

I'm a third-year computer science major with a love for wood-fired bagels and the color #FFDE00. In my free time I write code, eat bagels, and utilize the color #FFDE00.

Pretty much sums me up. :)

DEBATABLE FUN FACTS

+ I was the Super Smash Bros champion of my high school region.

+ I have strong feelings about Dwinelle (the building). Possibly not of the positive variety.

+ I've been involved in CS 61A every semester I've been here - due to lab assisting, tutoring, and finally TAing.

If you ever need to contact me, try my email: owenjow@berkeley.edu. I will always do my best to help you beat legitimately navigate the system.



ABOUT YOU (ICEBREAKER)

Icebreaker: involved or not?
<!-- Insert class vote here -->

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1.

**WORKSHEET +
DEFINITIONS**



DISCUSSION WORKSHEET

Lost on the Moon

You are lost. You are also on the moon.
How do you survive?

TENACITY

It's a good thing to have.

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2.

**QUIZ
(/ATTENDANCE)**