CS 61A Fall 2017 — Structure and Interpretation of Computer Programs

Quiz 2

INSTRUCTIONS

- You have 10 minutes to complete this quiz.
- The exam is closed book, closed notes, closed computer, closed calculator.
- Mark your answers **on the exam itself**. We will *not* grade answers written on scratch paper.
- For multiple choice questions, fill in each option or choice completely.
  - ☐ means mark **all options** that apply
  - ◯ means mark a **single choice**

Last name	
First name	
Student ID number	
CalCentral email (`_@berkeley.edu`)	
Discussion Section	___ ___ ___
All the work on this exam is my own. **(please sign)**	

0. **Your thoughts?** How are you feeling this week?

1. **Yes, No, but Sometimes Maybe?**

   Fill in the environment diagram that results from executing the code below until the entire program is finished, an error occurs, or all frames are filled. *You may not need to use all of the spaces or frames.*

   A complete answer will:

   - Add all missing names and parent annotations to all local frames.
   - Add all missing values created or referenced during execution.
   - Show the return value for each local frame.

   You must list all bindings in the order they first appear in the frame.

```
def yes(no):
    yes = 'no'
    return no

no = 'no'

def no(no):
    return no + yes(no)

yes = yes(yes)(no)('ok')
```