https://v.gd/1rbgWH

#4 Nonlocals & Mutation

TA: Jerry Chen (jerry.c@berkeley.edu)

Traveling on vacation is often considered a "nonlocal" experience.

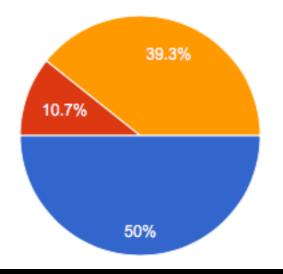
Feedback

Thanks!

- Majority of people think current pace is ok
- A few think it's too fast/too slow
- Note on participation

Would you rather be a sky diver afraid of heights or a scuba diver afraid of water?

28 responses



- Acrophobic sky diver
- Aquaphobic scuba diver
- Oh my gosh how neat I just realized that those both have diver in the name

Nonlocal

Old rule: you cannot modify variables outside your frame

New rule: you can modify, but must specify with nonlocal

List Mutation

- Recall that slicing a list makes a copy
- Can also modify a list "in place"

List Mutation

Common operations

```
lst.append(x) # Add x to the end of lst
lst += [x] # Does the same thing
lst = lst + [x] # NOT the same! Creates
a copy of lst
```

lst[0] = x # Assigns to index 0

Dictionaries Demo