

# assignment

a file-based guestbook



# simple guestbook

- what is a guestbook?
- what would the structure of the page look like?
- what kind of markup might you use?
- what should the behavior of the app be when the user submits a new greeting?
- and how about when there is an error?



# simple guestbook

- how to implement?

- a way to capture input

form and \$\_POST




- a way to list multiple entries

foreach and arrays



- a way to store entries on the server

??????????





# simple guestbook

- “data store”
  - minimal: file-based store
  - (mySQL would be more appropriate)



# simple guestbook

- php built-in functions
  - `file_get_contents`
  - `file_put_contents`



# simple guestbook

- data format?
  - first pass:  
print the markup straight to a file
- (this is a **terrible** way to do this)



# simple guestbook

- decompose problem:
  - get data from form
  - load data file
  - append new entry to file
  - write file back to disk
  - display entries



# simple guestbook

- gotchas
  - file permissions on data store file
  - check error log output if something goes wrong



# simple guestbook

- assignment:
  - use file method at least
  - use more sophisticated method if you feel up to it
  - style the guestbook as you like