

Computational Lab in Physics

- Class WWW: csc.ucdavis.edu/~chaos/courses/clab/
- Questions?

Computational Lab in Physics
Physics 102

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WWW: <http://csc.ucdavis.edu/~chaos/courses/clab>

Questionnaire

1. Name: **31/33** _____
2. Graduate or Undergraduate (circle one)
3. Email address: _____
4. Major/Field: _____
5. What programming language(s) have you used?
(circle all appropriate)
C or C++ or Java or Fortran or Python or Perl or Other
- | | | | |
|-----------|--------------|----------|----------|
| | None | 1 | |
| | Basic | 1 | |
| 23 | 13 | 6 | 1 |
| | 7 | 2 | |
6. What level of programming experience do you have?
(circle one)
Little or Moderate or Extensive
- | | | | |
|-----------|-----------|----------|--|
| 12 | 17 | 0 | |
| | 24 | 8 | |
7. Are you familiar with Unix? Yes or No (circle one)
8. Do you have a laptop? Yes or No (circle one)
- | | | |
|-----------|----------|--|
| 30 | 0 | |
|-----------|----------|--|
9. Which OS(es) does it run?
(circle all appropriate)
Windows or OS X or Linux
- | | | | |
|-----------|-----------|----------|--|
| 17 | 14 | 9 | |
|-----------|-----------|----------|--|
10. Do you have a desktop machine? Yes or No (circle one)
- | | | |
|----------|-----------|--|
| 7 | 22 | |
|----------|-----------|--|
11. Which OS(es) does it run?
(circle all appropriate)
Windows or OS X or Linux
- | | | | |
|----------|----------|----------|--|
| 7 | 1 | 1 | |
|----------|----------|----------|--|
- | | |
|-------------|-----------|
| PHY | 25 |
| APP | 5 |
| MAT | 1 |
| EXP | 1 |
| BUCS | 1 |

Computational Lab ...

- Lab Accounts + Python environment
- Own machines + Python environment

Computational Lab ...

- Review last week
- Homework 0

Email homework to TA:
alecboy@gmail.com
by *beginning* of
Tuesday class meeting

Computational Lab ...

The Lab:

iPython

Python as a Calculator

Data Types

The Homework

Computational Lab ...

Reading for next lecture:

Python, Part II (Chapters 4 and 7-9) and Part III (Chapters 11-13).