

ASTR615 Survey Results

Fall 2011

12 respondents (100%)

1. Computer familiarity [1=Master, 5=None]:
Avg = 3 [Skilled], range from [Expert] to [Help me!]
2. Most of you have access to a Mac (66%) or Linux (dept account)
3. Unix familiarity [1=Master, 5=None]:
Avg = 3.5 [Novice], range from [Expert] to [Unix?]
4. Unix commands:
 - (a) cat: 5/12 correct (41%)
 - (b) grep: 7/12 correct (58%)
 - (c) sed: 0 correct (0%)
 - (d) awk: 0 correct (0%)
 - (e) make: 8/12 correct (66%)
5. Fortran familiarity [1=Master, 5=None]:
Avg = 4.6 [None], range from [Novice] to [None]
6. Java familiarity [1=Master, 5=None]:
Avg = 4.6 [None], range from [Skilled] to [None]
7. C familiarity [1=Master, 5=None]:
Avg = 3.75 [Novice], range from [Expert] to [Novice]
8. C statements:
 - (a) increment: 8/12 correct (66%)
 - (b) loop: 7/12 correct (58%)
 - (c) pointers: 4/12 correct (33%)
 - (d) malloc: 6/12 correct (50%)
 - (e) structures: 1/12 correct (8%)
9. Other languages: many of you know Python! IDL and Matlab follow
10. **sm** familiarity [1=Master, 5=None]:
Avg = 4.75 [None] from [Novice] to [None]
11. Other plotting/visualization packages:
 - (a) gnuplot: a few (4/12)

- (b) IDL: best known (9/12)
- (c) Matlab: (7/12)
- (d) Other: Python, Visit (3D rendering)

12. Do you know how to?

- (a) Deal with multimedia content: 7 (60%)
- (b) Create animation: 6 (50%)
- (c) Print colour output: 8 (66%)
- (d) Use PowerPoint or OpenOffice: 12 (100%)

13. Have you ever?

- (a) Used a supercomputer: 0 (0%)
- (b) Written parallel code: 4 (33%)
- (c) Written assembly code: 0 (0%)
- (d) Used revision/maintenance software: 1 (8%)
- (e) Written HTML code: 9 (75%)

Number of respondents who supplied their name: 10 (83%)