

CS2911 Lab 2 Feedback Summary

Things to be fixed for 20q1

- Talk about questions 23-29 in class
- (2) Questions could be clearer
 - Question 16 could be worded more clearly
 - (4) Questions 23-26 (and 27-29) could be worded more clearly.
 - Preamble to Questions 15-20 could be worded more clearly.
- Double-check numbers that refer to other questions
- Reminder about the “copy” method(s)
- Break questions into more pieces
- Make tasks slightly less repetitive towards the end
- More (optional?) problems for practice

Things I cannot change while meeting my goals for the lab and the course (19q1)

- Chance to implement Python internal functions (e.g. `str()` or `int()`) from scratch
- More in-class time to work on the lab (2)
- Working in groups
- Provide more hints (such as commands to use) in problems
- Cover Python at similar depth to how Java was covered in SE1011

Things students liked about the lab (19q1)

- Class time to begin working the problems
- (2) Freedom to work at own pace and to experiment and learn about Python on my own
- (2) Learning more about encoding in Python
 - Good review of class material, material introduced to match lab
 - Made look deeper by explaining answers rather than just writing code
 - (3) Mixture of theory and Python code. Predicting then checking predictions.
- (2) Short (“sizeable”) questions
 - “I liked how each question gave another important lesson on how Python handles certain variables”
 - Multi-step problems

Things already fixed for 19q1

- Problems 1 and on:
 - Show what is what and how to convert before lab (done – class notes)

- Problems 4 & 5:
 - Talk about difference between `\x` and `0x` (done - class notes)
 - (2) Code implementation examples for `to_bytes` and `from_bytes` (done – class notes)
- (2) Problem 8 unclear (done - handout: fonts & underlining)
 - (3) Explain showbits (done – class notes)
- (2) Fix typo on Problem 10 (done)
- Clarify Problem 16 (done)
- (3) Problem 22 (done)
 - Ambiguous (done)
 - Explain that it is a critical thinking question – not looking for them to remember or find some fact from class or the book, but to think outside the box, be creative, and evaluate their own ideas (done)
- Add more space for work
- (2) More variation in problems
 - Fewer "write code" questions
 - (2) More questions on bytes objects

Things that still need to be fixed for 19q1

- More complicated Java – Python questions

Things I cannot change while meeting my goals for the lab (18q1)

- More variation in problems
 - Fewer questions on hexadecimal
- Problems 4 & 5:
 - (2) `\x` only does first byte
- Problem 22
 - Cut it?
- Talk about Python internal implementation

Things students liked about the lab (18q1)

- Good clarification as to what you wanted
- (3) Interesting lab
- (3) Easy to understand, helped us through