

Lab 4

1. Atoms can be what types of data?
2. What is the function definition of *sub1*?
3. What is the function definition of *add1*? What is it similar to?
4. What does *zero?* ask? What is it similar to?
5. When recurring on a *lat*, what two questions should you ask?
6. When recurring on a number, what two questions should you ask?
7. When recurring on a *l*, what three questions should you ask?
8. What is a tuple in Scheme?
9. What does *addtup* do?
10. What is the terminal condition line for lists?
11. How does *x* use *+* to build numbers?
12. Describe the function *tup+*, what are its arguments?
13. Give the definition for the function *=* using *zero?* and *sub1*.
14. Give the definition for the function *=* using *>* and *<*.
15. Are the above functions for *=* the same? If so, why?