

CS 4100, Fall 2020

Quiz 1 Review Sheet

Quiz will be Monday, September 21, 2020

Covers sections 1.1, 1.2, 1.3 in MacLennan Book

Be able to answer:

1. What is a programming language?
2. What is pseudo-code?
3. What is a virtual computer?
4. What is the structure of an iterative interpreter?
5. When is the instruction pointer modified in the interpreter and why?

For each of the principles we have seen, be able to:

1. State the principle
2. Explain what it means and why it is important
3. Give an example of something we have seen that violates the principle
4. Give an example of something we have seen that illustrates the principle or complies with it

Principles:

- Automation
- Regularity
- Impossible Error
- Orthogonality
- Abstraction
- Labeling