

Example Questions

Quiz #1

Example Question 1

- What are the 6 classical phases in a compiler?
- Multiple options
- True / False

Example Question 2

- Classification / taxonomy of programming languages
- Focus on what is the main characteristic of each type of language (not to confuse with one specific programming language)
- Good to be able to name 2 or 3 PLs per type 😊
- I will assume that you know the basics of C, C++, Java and HTML

Example Question 3

- Compilers vs Interpreters
- What's their main functions
- In what they are similar?
- In what they are different?
- Name 2 "mainstream" programming languages that are usually compiled vs usually interpreted
- Multiple options
- True/False questions

Example Question 4:

- Compiler Toolchain (proper compiler toolchain)
- Parts: pre-processor, compiler, assembler, linker
- True/false
- Multiple options

Example Question 5

- Differences between Front-end and Back-end
- What compiler phases are they comprised of?
- What's the role of the symbol table?
- Multiple options
- Matching columns
- True/False

Example Question 6

- Re: lexical analysis
- What is or is not a token or lexeme
- Pay close attention to the example in page 20 of the introduction slides
- Probably will include a bit of scanning.pdf (Up to wherever we reached)
- True/False
- Multiple choice
- Matching columns