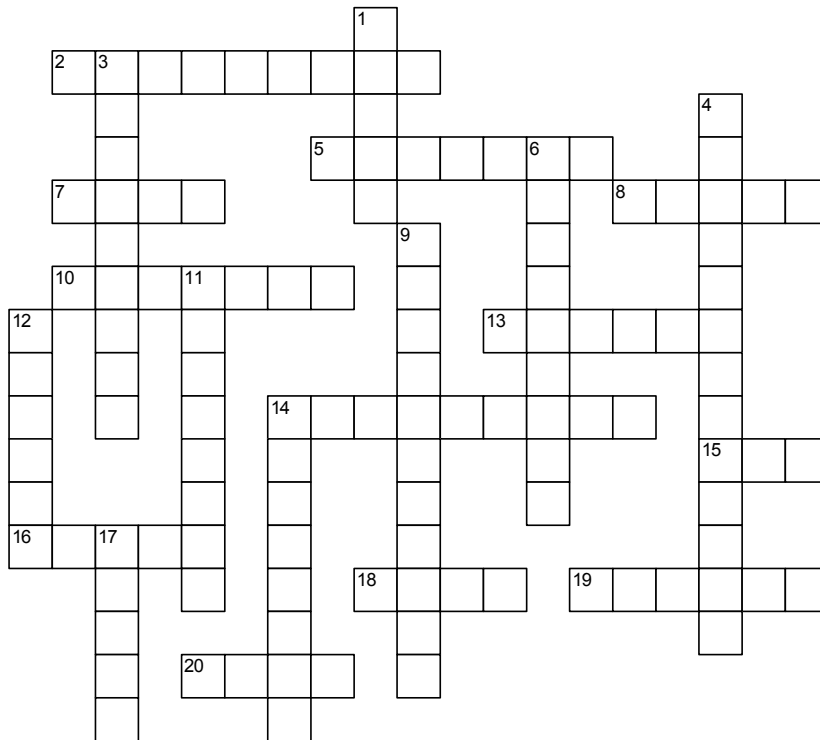




# Crossword Puzzle: Language Design Issues

Name: \_\_\_\_\_

Student ID: \_\_\_\_\_



© 2011 by Ariel Ortiz

## Across

- 2 It's a language specifically designed around a programming environment consisting of windows, menus, and mouse input.
- 5 A language oriented around numerical calculations.
- 7 First operating system written mostly in the C programming language.
- 8 Company that developed a spreadsheet program similar to Visi-Calc for the IBM PC.
- 10 Internet's original name.
- 13 Special-purpose language whose basic control structure and implementation strategy is based on concepts from mathematical logic.
- 14 It's the meaning given to the various language constructs.
- 15 Language developed by the U.S. Department of Defense.
- 16 One of the first business languages.
- 18 Language designed for processing lists, used mainly for artificial intelligence.
- 19 It's what a program looks like.
- 20 European nuclear research facility in Geneva, Switzerland, that developed the HyperText Markup Language as a way to navigate around the Internet.

## Down

- 1 It's the language that was first described using the Backus Naur Form (BNF).
- 3 These kinds of computers dominated from the 1940s to the 1970s.
- 4 It's being able to combine various features of a language in all possible combinations.
- 6 It states the relationships that must hold among the values of the variables at a certain point in a program.
- 9 It's the ability to compile and run a source program in different computer platforms.
- 11 First systems language.
- 12 First Internet Web browser.
- 14 It ensures uniformity among several implementations of a language.
- 17 In this kind of environment, a program takes a certain set of data files as input, processes the data, and produces a set of output data files.