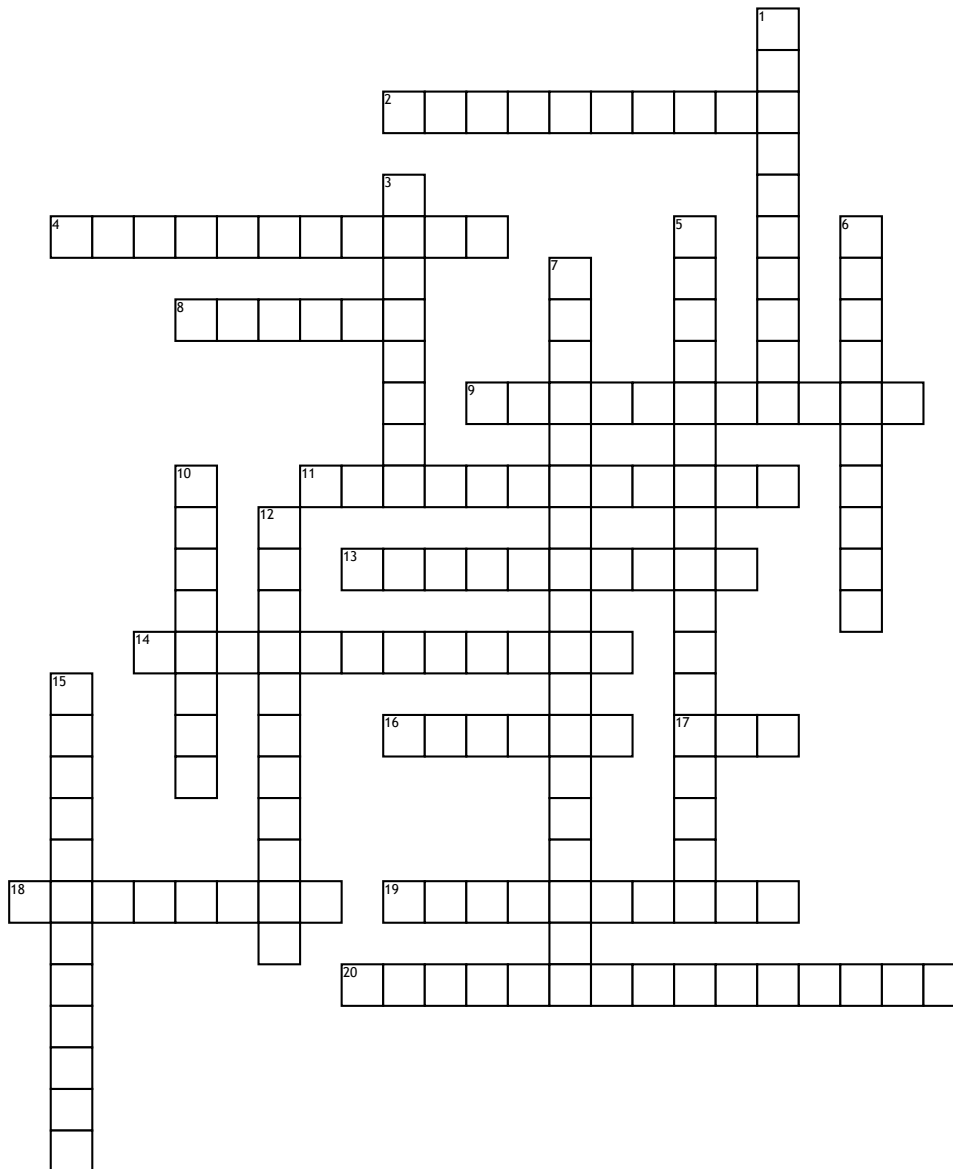


software languages



Across

2. Licence that allow software to be freely used, modified, and shared.

4. any of various data collection techniques usually related to the planning stages (feasibility/analysis) in the SDLC

8. sometimes referred to as sinking sort, is a simple sorting algorithm that repeatedly steps through the list to be sorted, compares each pair of adjacent items and swaps them if they are in the wrong order

9. program that can analyse and execute a program line by line

11. The condition of occurring in several different forms related to inheritance

13. Existing, happening, or done at the same time

14. Is a search algorithm that finds the position of a target value within a sorted array.

16. a design pattern used in software engineering that is meant to "decouple an abstraction from its implementation so that the two can vary independently"

17. (acronym) a physical or logical subnetwork that contains and exposes an organisation's external-facing services to an untrusted network, usually a larger network such as the Internet

18. The pairing of two items

19. A level of access significantly greater than those available to the majority of users.

20. Executable code

Down

1. A notation resembling a simplified programming language, used in program design

3. Protects a network or system from unauthorised access

5. responding to the occurrence, during computation, of an erroneous condition requiring a change to the normal flow of the program

6. change, continuous or uncontrolled growth in a project

7. the recognition of repeated sections of code that are best refactored into methods or sub-routines

10. a program that converts instructions into a machine-code or lower-level form so that they can be read and executed by a computer

12. the process of restructuring existing computer code without changing its external behaviour. Usually related to making code cleaner.

15. The art of writing or solving codes