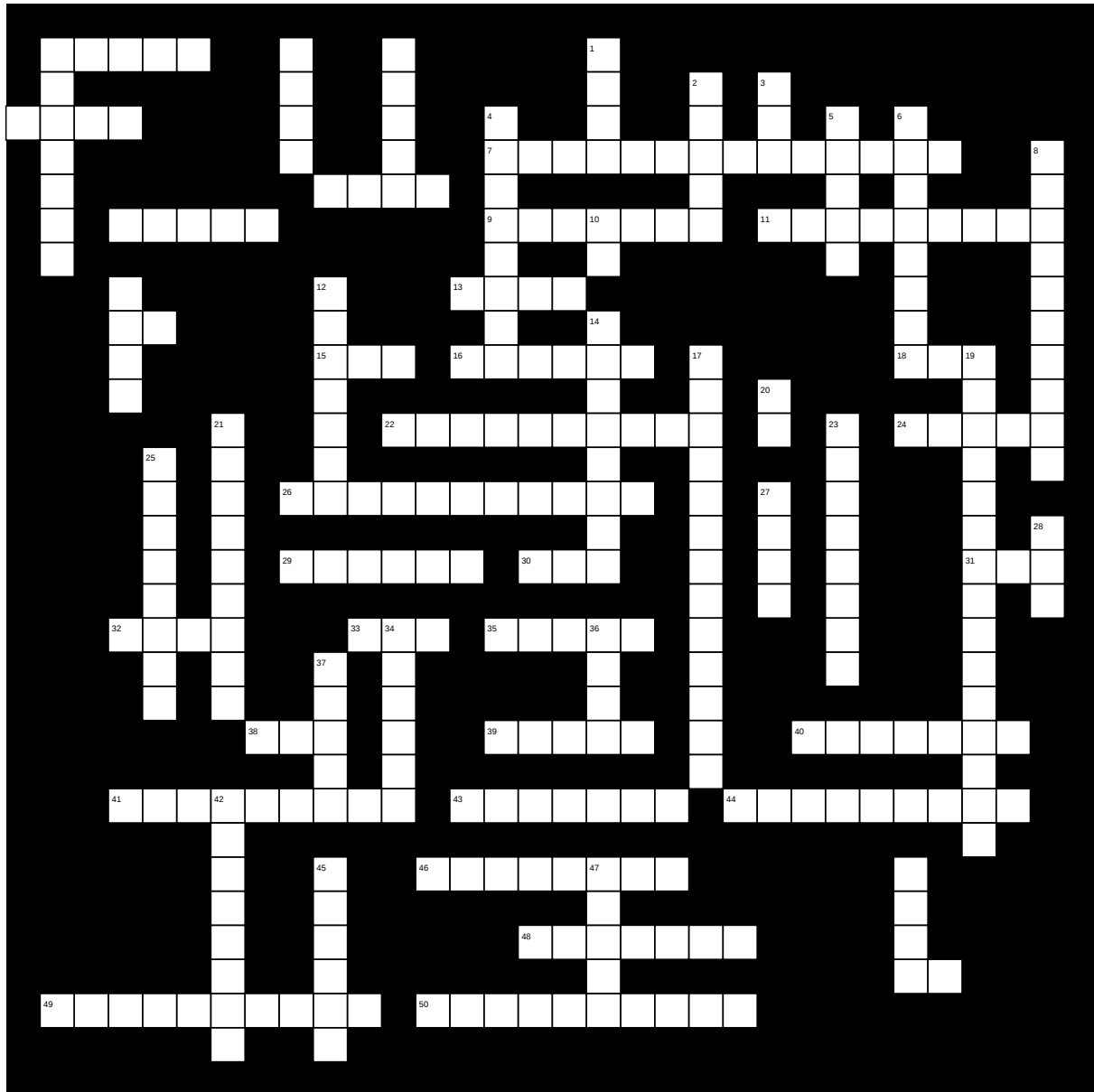


# Crossword Puzzle



## ACROSS

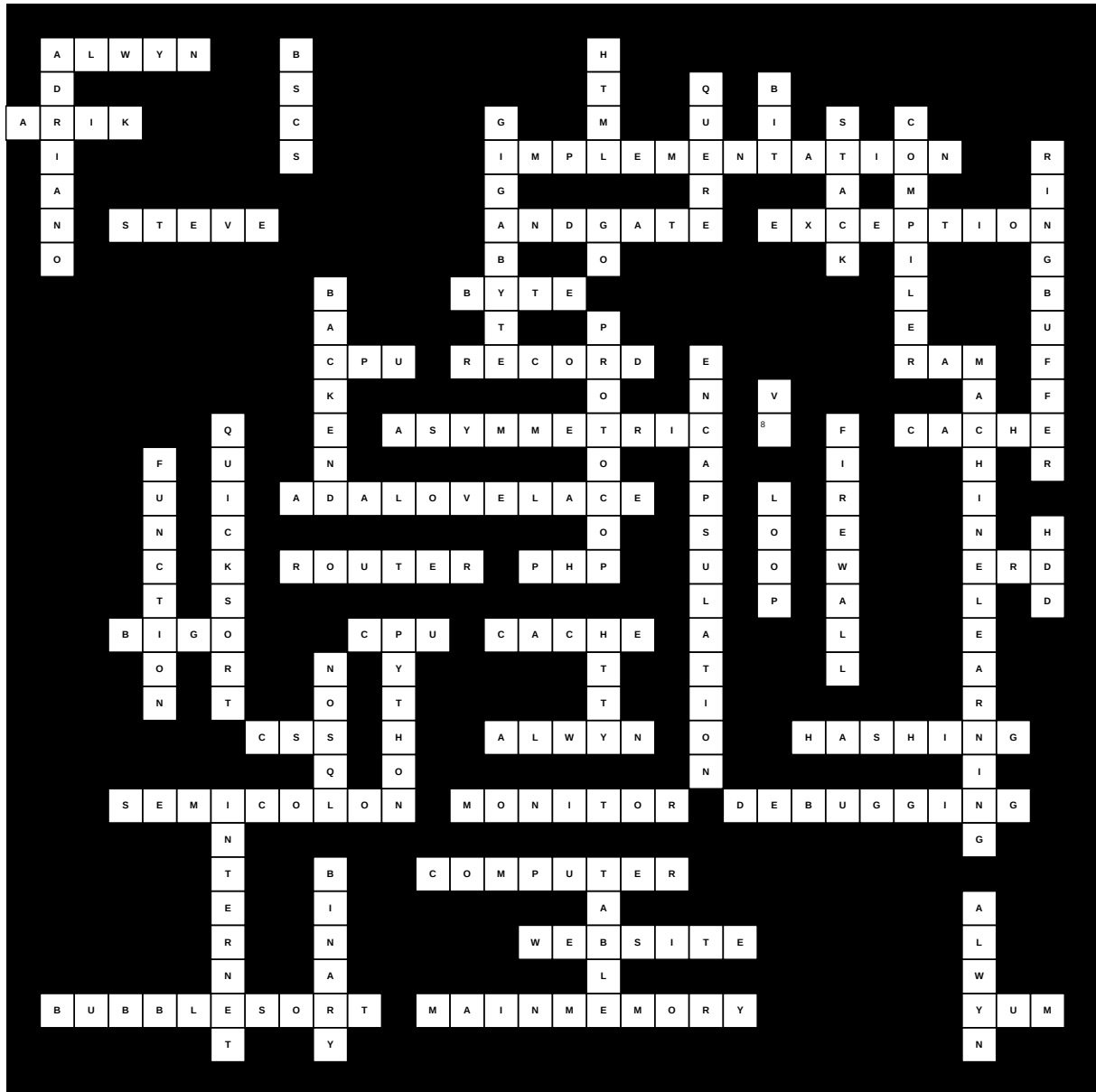
7. Step of SDLC after design
9. Logical gate with two inputs, one output
11. Programming error detected at runtime
13. Smallest addressable unit of memory
15. The "brain" of the computer
16. A collection of fields in a DB
18. Temporary memory erased when power is off
22. Uses two keys in cryptography
24. Temporary storage in CPU
26. First computer programmer (2 words)
29. Device that forwards packets
30. Isang popular web language
31. Entity-relationship diagram abbreviation
32. Computer science notation for efficiency
33. Brain of smartphone/computer (abbr)
35. Memory smaller but faster than RAM
38. Graphical browser language
39. Ang gumawa ng puzzle

## DOWN

1. Text-based browser language
2. Data structure following FIFO principle
3. Binary digit
4. Storage measured in billions of bytes
5. Data structure using LIFO
6. Converts source code into machine code
8. Circular data structure
10. General-purpose programming language
40. Password-scrambling technique
41. Symbol used to end a statement in C/Java/PHP
43. Device used to display output
44. Process of finding and fixing errors in code
46. Machine that processes instructions
48. Collection of webpages with domain
49. Sorting algorithm with  $O(n^2)$
50. Primary memory is also called

12. Opposite of frontend
14. Set of rules for data transmission
17. OOP principle: hiding internal details
19. AI subfield for pattern recognition
20. Lightweight JS runtime by Node.js
21. Algorithm with divide-and-conquer approach
23. Security measure against unauthorized access
25. Group of instructions in programming
27. Set of instructions executed repeatedly
28. Permanent storage device
34. Language commonly used for AI
36. Internet protocol for websites (abbr)
37. Non-relational database type
42. Global network of computers
45. Number system used by computers
47. A table in relational database

# Answer Key



9. ANDGATE  
11. EXCEPTION  
13. BYTE  
15. CPU  
16. RECORD  
18. RAM  
22. ASYMMETRIC  
24. CACHE  
26. ADA LOVELACE  
29. ROUTER  
30. PHP  
31. ERD  
32. BIGO  
33. CPU  
35. CACHE  
38. CSS  
39. ALWYN  
40. HASHING  
41. SEMICOLON  
43. MONITOR  
44. DEBUGGING  
46. COMPUTER  
48. WEBSITE  
49. BUBBLESORT  
50. MAINMEMORY  
DOWN  
1. HTML  
2. QUEUE  
3. BIT  
4. GIGABYTE  
5. STACK  
6. COMPILER  
8. RINGBUFFER  
10. PYTHON  
12. BACKEND  
14. PROTOCOL  
17. ENCAPSULATION  
19. MACHINELEARNING  
20. V8  
21. QUICKSORT  
23. FIREWALL  
25. FUNCTION  
27. LOOP  
28. HDD  
34. PYTHON  
36. HTTP  
37. NOSQL  
42. INTERNET  
45. BINARY  
47. TABLE