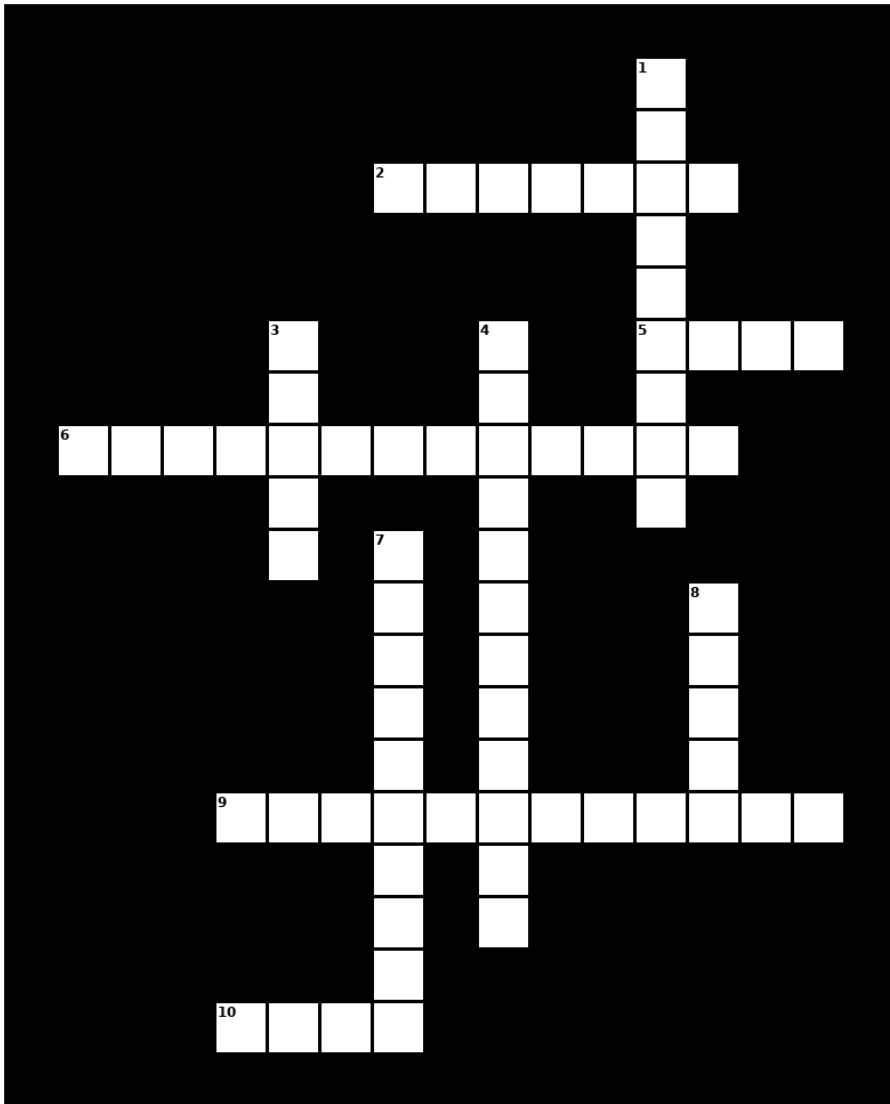


2.1 Algorithms - Crossword 2: Searching and sorting

Instructions: Use the definitions to complete the grid. Write answers without spaces, hyphens, slashes or punctuation.



Across

- 2. Check two values to decide their relationship.
- 5. Exchange the positions or values of two items.
- 6. Sorting by inserting each item into its correct position in a growing sorted section.
- 9. Checking items in order until the target is found or the list ends.
- 10. Ordered collection of values.

Down

- 1. Divide-and-conquer sort that splits lists and merges them in order.
- 3. Data structure that stores multiple values under one name.
- 4. Repeatedly halving an ordered list to find a target item.
- 7. Sorting by repeatedly comparing neighbouring items and swapping them if needed.
- 8. Arrangement of data according to a rule, such as ascending value.