

11. Which type of algorithm is used to find a specific item in a collection of data?

- Sorting algorithm
- Searching algorithm
- Path-finding algorithm
- Mathematical algorithm

12. What is the purpose of designing a computer program?

- To make the computer look nice
- To organize files on the computer
- To plan and outline steps for the computer to follow
- To create a new computer operating system

13. Which type of symbol is used to represent the end of a flowchart?

- Rectangle
- Parallelogram
- Diamond
- Oval

14. Which of the following is an example of collaboration in coding?

- Working on a coding project with a friend and sharing ideas
- Keeping your code secret and not sharing it with anyone
- Writing code in a language that no one else understands
- Using the same code for every project

15. In a loop, when does the repetition of actions stop?

- When the algorithm ends
- When the actions are completed once
- When a specific condition is met
- When the computer crashes

16. In which order does Bubble Sort arrange elements in a list?

- Unorder
- Randomly
- Lowest to highest
- Alphabetically

17. What is the main drawback of a binary search?

- It requires a sorted list.
- It is slower than a linear search.
- It always needs the middle value.
- It can only search in one direction.

18. Which term describes the process of breaking down a complex problem into smaller, more manageable parts?

- Abstraction
- Decomposition
- Complexity
- Problem-solving

19. In coding, what is the "stage" typically used for?

- Storing files and documents
- Running the program
- Displaying images and animations
- Testing the code

20. What is the name given to the 2D character that can be animated in Scratch?

- Pixel
- Script
- Sprite
- Algorithm