

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