

Little Explorers of Code

Software Engineering · Practice Test · 20 Questions

1. What is the name for a list of steps a computer follows to finish a task?

- A) Recipe
- B) Algorithm
- C) Storybook
- D) Drawing

2. What do we call a mistake in a computer program that makes it act in a wrong way?

- A) Bug
- B) Ant
- C) Spider
- D) Beetle

3. What is the physical part of a computer that you can touch called?

- A) Software
- B) Code
- C) Hardware
- D) Memory

4. Which language do computers use to communicate, consisting mostly of zeros and ones?

- A) English
- B) Binary
- C) Spanish
- D) French

5. What is the main brain of a computer that processes all the instructions?

- A) Hard Drive
- B) Keyboard
- C) Mouse
- D) CPU

6. What is the term for writing instructions for a computer to perform a specific task?

- A) Painting
- B) Programming
- C) Singing
- D) Cooking

7. What do we call the process of finding and fixing mistakes in computer code?

- A) Debugging
- B) Cleaning
- C) Sleeping
- D) Building

8. Which of these is an example of an Operating System that runs a computer?

- A) Windows
- B) Keyboard
- C) Monitor
- D) Printer

9. What is a 'variable' used for in computer programming?

- A) Storing information
- B) Turning it off
- C) Making noise
- D) Changing colors

10. What does a 'loop' allow a computer to do in a program?

- A) Stop working
- B) Repeat an action
- C) Delete files
- D) Change its name

11. Which of these is considered 'Software' rather than 'Hardware'?

- A) Monitor
- B) Web Browser
- C) Mouse
- D) Power Cable

12. What is the purpose of a compiler in software engineering?

- A) To play games
- B) To translate code into machine language
- C) To cool the computer
- D) To print documents

13. What does the 'Save' function do in a computer program?

- A) Deletes data
- B) Prints paper
- C) Stores information permanently
- D) Turns off the screen

14. What is the primary function of a computer's 'Memory' or RAM?

- A) Long-term storage
- B) Temporary data processing
- C) Cooling the CPU
- D) Sending emails

15. What is the 'input' device used to type letters into a computer?

- A) Monitor
- B) Keyboard
- C) Speaker
- D) Printer

16. What is the name of a collection of programs and data that the computer needs to function?

- A) Hardware
- B) Software
- C) Plastic
- D) Glass

17. What happens when a computer encounters an 'Infinite Loop'?

- A) It stops forever
- B) It repeats the task forever
- C) It deletes the code
- D) It turns off instantly

18. Which component helps a computer show images and videos on a screen?

- A) Graphics Card
- B) Mouse
- C) Keyboard
- D) Power Supply

19. What is the name of a digital image or file that is organized into rows and columns?

- A) Matrix
- B) Grid
- C) Circle
- D) Triangle

20. What is the common term for a set of rules that computers use to talk to each other over the internet?

- A) Protocol
- B) Language
- C) Dialogue
- D) Chat