

# Little Explorers of Code

Software Engineering · Answer Key · 20 Questions

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**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