

Software Engineering Basics for Kids

Software Engineering · Practice Test · 25 Questions

1. What is the set of instructions that tells a computer what to do called?

- A) Hardware
- B) Software
- C) Monitor
- D) Keyboard

2. What is a person who writes computer code called?

- A) Pilot
- B) Chef
- C) Programmer
- D) Mechanic

3. Which language is commonly used to build websites?

- A) HTML
- B) Concrete
- C) French
- D) Braille

4. What is the process of finding and fixing errors in code called?

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

5. What do we call a step-by-step list of instructions to solve a problem?

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

6. What is a loop in computer programming?

- A) A broken wire
- B) A repeating set of instructions
- C) A type of computer screen
- D) A secret code

7. Which of these is a popular programming language for beginners?

- A) Python
- B) Snake
- C) Lizard
- D) Turtle

8. What is the physical part of the computer you can touch called?

- A) Software
- B) Data
- C) Hardware
- D) Network

9. What is an 'if-then' statement used for in programming?

- A) Making decisions
- B) Printing paper
- C) Connecting to Wi-Fi
- D) Saving files

10. What does the 'S' in USB stand for?

- A) Serial
- B) Software
- C) System
- D) Storage

11. Which company created the Windows operating system?

- A) Apple
- B) Microsoft
- C) Nintendo
- D) Sony

12. What do you call the 'brain' of a computer?

- A) Monitor
- B) Mouse
- C) CPU
- D) Speaker

13. What is the main purpose of a compiler?

- A) To translate code into machine language
- B) To cool down the computer
- C) To draw pictures
- D) To connect to the internet

14. What is a variable in programming?

- A) A place to store information
- B) A type of mouse
- C) A loud sound
- D) A broken screen

15. What does GUI stand for in software?

- A) Graphical User Interface
- B) Great Useful Item
- C) General User Input
- D) Giant Undersea Internet

16. Which of these is an example of an operating system?

- A) Android
- B) Google Chrome
- C) Keyboard
- D) Monitor

17. What is the primary function of an internet browser?

- A) To view websites
- B) To write letters
- C) To play music only
- D) To print documents

18. What is a 'bug' in computer science?

- A) An insect inside the case
- B) An error in the code
- C) A brand of computer
- D) A type of game

19. What is the 'cloud' in computing terms?

- A) Water vapor in the sky
- B) Servers that store data over the internet
- C) A type of software
- D) A weather app

20. Which key on a keyboard is typically used to stop a program?

- A) Spacebar
- B) Escape
- C) Shift
- D) Enter

21. What do you call a collection of files and folders?

- A) Directory
- B) Hardware
- C) Battery
- D) Circuit

22. What is a password used for in software?

- A) Security and access control
- B) Making the computer run faster
- C) Changing the color of the screen
- D) Deleting files

23. Which of these is used to write and edit code?

- A) Text editor
- B) Toaster
- C) Hammer
- D) Camera

24. What is 'Open Source' software?

- A) Software with publicly accessible code
- B) Software that costs a lot of money
- C) Software you cannot copy
- D) Software that is only for teachers

25. What does the 'WWW' in a website address stand for?

- A) World Wide Web
- B) Working Web World
- C) Wide Web World
- D) Web Wide World