

Software Engineering Basics for Kids

Software Engineering · Answer Key · 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