

Fun Facts About Making Software

Software Engineering · Answer Key · 10 Questions

1. What is a set of instructions that a computer follows to complete a task called?

- A) Hardware
- B) Software**
- C) Firmware
- D) Malware

2. Which of these is a popular programming language that uses words and symbols to tell computers what to do?

- A) Paint
- B) Scratch**
- C) Microsoft Word
- D) Adobe Photoshop

3. When software engineers plan how to build a program, what do they often create first to show the steps involved?

- A) A pizza recipe
- B) A flowchart**
- C) A storybook
- D) A song

4. What do you call a mistake in a computer program that makes it not work correctly?

- A) A feature
- B) A bug**
- C) A secret code
- D) A decoration

5. Who are the people that design and build software for computers and other devices?

- A) Chefs
- B) Doctors
- C) Software Engineers**
- D) Astronauts

6. What is the name for the place where programmers write their computer instructions, often looking like a special text editor?

- A) A playground
- B) An Integrated Development Environment (IDE)**
- C) A library
- D) A kitchen

7. When a program is finished, what is it often called that you can install and use on your computer?

A) A blueprint

B) An application (or app)

C) A physical object

D) A recipe

8. Why is it important for software engineers to test their programs before releasing them?

A) To make them slower

B) To find and fix problems (bugs)

C) To make them look prettier

D) To hide secrets

9. What does it mean to 'debug' software?

A) To add more bugs

B) To create new features

C) To find and fix errors

D) To make the program crash

10. What is a common way for software to be shared with many people, often downloaded from the internet?

A) Delivered by mail

B) Printed in a book

C) Distributed digitally

D) Carried by hand