

Introduction to Software Engineering Concepts

Software Engineering · Answer Key · 12 Questions

1. What is software?

- A) A physical tool you can touch
- B) Instructions that tell a computer what to do**
- C) A type of energy source
- D) A piece of furniture

2. Which of these is an example of software?

- A) A keyboard
- B) A computer screen
- C) A video game**
- D) A mouse

3. What is the process of writing instructions for a computer called?

- A) Reading
- B) Typing
- C) Coding**
- D) Drawing

4. What do we call a set of steps used to solve a problem or perform a task?

- A) A recipe
- B) An algorithm**
- C) A story
- D) A drawing

5. Why is testing software important?

- A) To make it look pretty
- B) To find and fix errors**
- C) To make the computer slower
- D) To add more confusing instructions

6. What is a bug in software?

- A) A helpful feature
- B) An error or mistake**
- C) A type of computer virus
- D) A new version of the software

7. Who writes computer programs or software?

- A) Mechanics
- B) Doctors
- C) Programmers**
- D) Artists

8. What is the goal of good software engineering?

- A) To make software that is hard to use
- B) To create software that is reliable and works well**
- C) To make software that breaks easily
- D) To confuse the users

9. Which of these is a programming language?

- A) English
- B) Spanish
- C) Python**
- D) French

10. What is the first step in creating a new piece of software?

- A) Testing the software
- B) Designing the software**
- C) Writing the code
- D) Fixing bugs

11. What is a computer's operating system?

- A) A type of web browser
- B) Software that manages the computer's hardware and software resources**
- C) A way to play music
- D) A tool for editing pictures

12. What does 'user-friendly' mean when talking about software?

- A) It is difficult for people to use
- B) It is easy and simple for people to use**
- C) It requires a lot of technical knowledge
- D) It is only for experts