

Introduction to Software Engineering Concepts

Software Engineering · Answer Key · 8 Questions

1. What is the term for a set of instructions that a computer follows to perform a specific task?

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

2. Which of the following is the most common type of software that people use every day?

- A) Operating System Software
- B) Application Software**
- C) System Software
- D) Programming Software

3. What is the process of designing, writing, testing, and maintaining computer programs called?

- A) Hardware Development
- B) Network Engineering
- C) Software Engineering**
- D) Data Analysis

4. A small, reusable piece of code designed to perform a specific function is often called a:

- A) Variable
- B) Loop
- C) Function**
- D) Constant

5. When a programmer writes code, they are creating:

- A) Algorithms
- B) Data Structures
- C) Source Code**
- D) Databases

6. What is the purpose of testing software?

- A) To make it look pretty
- B) To find and fix errors (bugs)**
- C) To add more features
- D) To increase the file size

7. A step-by-step procedure for solving a problem or completing a task is known as an:

- A) Interface
- B) Algorithm**
- C) Database
- D) Protocol

8. Which of these is an example of system software?

- A) A web browser
- B) A word processor
- C) A video game
- D) An operating system (like Windows or macOS)**