

AP Computer Science Principles

Name: _____ Score: _____

1. Collaboration in software means:

- ☐ people working together toward a shared goal
- ☐ one expert doing all the work
- ☐ writing code with no plan
- ☐ avoiding all feedback

2. A program's purpose is why it exists; its function is:

- ☐ what it does — the behavior a user sees
- ☐ how fast it runs
- ☐ who wrote it
- ☐ how much memory it uses

3. Good practice is to start coding immediately, skipping design.

- ☐ True ☐ False

4. The work of finding and fixing mistakes in a program is called _____.

5. Good feedback comments on the work, not the person.

- ☐ True ☐ False

6. Which is an example of input?

- ☐ a user tapping a button
- ☐ text appearing on screen
- ☐ a file being saved
- ☐ a robot arm moving

7. A process that repeats its stages, improving a little each time, is _____.

8. A missing bracket that stops the program from running is a:

- ☐ syntax error
- ☐ logic error
- ☐ runtime error

☐ edge case

9. A _____ control system records every edit and merges everyone's work.

10. A program that waits and reacts to clicks and key presses is _____-driven.

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1. **people working together toward a shared goal**

A team shares ideas and divides the work toward one goal.

2. **what it does — the behavior a user sees**

Purpose = the goal; function = the visible behavior that reaches it.

3. **False**

Skipping design usually wastes time — plan first, then code.

4. **debugging**

A mistake is a bug; fixing bugs is debugging.

5. **True**

That keeps feedback useful and respectful.

6. **a user tapping a button**

A tap is data the program receives; the others are outputs.

7. **iterative**

Iterative and incremental development loops to refine the program.

8. **syntax error**

Breaking the language's rules is a syntax error.

9. **version**

Version control lets a team combine changes without losing any.

10. **event**

Each event triggers an event handler.