✅ **Congratulations! You passed!**

Grade received 100%   To pass 80% or higher

[**Go to next item**]

---

1. What is the goal of Testing?   1 / 1 point

   ○ To show that a program has no errors ("bugs") in it

   ○ To fix problems that have been identified with a program.

   ⦿ To identify errors in a program.

   ✓ **Correct**

2. How does the number of paths through a control flow graph grow?   1 / 1 point

   ○ Logarithmically with the number of conditionals.

   ○ Linearly with the number of conditionals.

   ○ Quadratically with the number of conditionals.

   ⦿ Exponentially with the number of conditionals.

   ✓ **Correct**

3. What does an "assert" statement do?   1 / 1 point

   ○ Checks that you have obtained statement coverage with your test cases.

   ○ Prints a message that its argument is true at that point in the program.

   ○ Informs the debugger of a logical property of the program.

   ⦿ Causes the program to crash if its argument is false.

   ✓ **Correct**

4. What does "fail fast" mean?   1 / 1 point

   ○ It means that you run your test cases that identify errors first.

   ⦿ It means that your program crashes quickly after the erroneous code.

   ○ It means that you give up quickly on a task if it is beyond your skill level.

   ○ It means that your program exhibits any errors early in the development cycle.

   ✓ **Correct**