

What is your age:

Gender:

### Test Questions

What is a command line interface (CLI)?

- A: It converts code into an executable object
- B: A prompt to enter text commands
- C: It displays images, icons, and buttons
- D: A storage for a programs methods

Correct Answer = B

Rationale = "The command line accepts a command in a line. Typing help usually lets you know what commands you can use."

Which of these lines of code were not included in the hello.c program?

- A: #include stdio.h
- B: return 0;
- C: int main(void)
- D: printf("Hello world");

Correct Answer = B

Rationale = "We don't need a return statement, but in answer c, the return type is "int". So this line isn't necessary, but doesn't hurt either."

Which of these can be produced by a function?

- A: Side effects (ie print)
- B: Return values
- C: Both of these
- D: Neither of these

Correct Answer = C

Rationale = "Functions can produce standard output or can do some small action for something else."

What does IDE stand for?

- A: Interior Designated Environment
- B: Isolated Developer Engine
- C: Integrated Development Environment
- D: Intelligent Development Engine

Correct Answer = C

Rationale = "We use an IDE to develop code in the same environment we compile it. That's why it's integrated."

What do we use escape characters for in printf?

- A: Generate a newline
- B: Exit the program
- C: Enter a function
- D: Print to the command line

Correct Answer = A

Rationale = "Escape characters are denoted by a backslash \"\\\". We use these to add characters we otherwise couldn't use in code. We can also use them for additional functions like newline \\\"\\n\\\"\".

True or False: Computers only understand binary?

A: True

B: False

Correct Answer = A

Rationale = "Computers can't use human logic. Therefore we need a compiler to convert our language to computer language, which is binary."