

1. When two computers connect directly to each other, this forms _____.

1 / 1 point

- ☐ the Internet
- ☒ a Network
- ☐ a Server

✓ **Correct**

Good job! When two computers connect directly to each other, this forms a network.

2. The programs that run on a computer are called the _____.

1 / 1 point

- ☐ Hardware
- ☒ Software

✓ **Correct**

That's correct! The programs and services that run on a computer are the software.

3. The **structure** of a web page is defined using _____.

1 / 1 point

- ☒ HTML
- ☐ CSS
- ☐ JavaScript

✓ **Correct**

That's correct! HTML defines the structure and content of a web page.

4. The **style** of a web page is defined using _____.

1 / 1 point

- ☐ HTML
- ☒ CSS
- ☐ JavaScript

✓ **Correct**

That's correct! CSS defines how HTML elements are displayed on a web page.

5. Computers communicate with each other using which protocol?

1 / 1 point

- ☐ Network Protocol
- ☐ Mail Protocol
- ☐ Mobile Protocol
- ☒ Internet Protocol

✓ **Correct**

That's correct! Internet Protocols version 4 and 6 are most commonly used for communication.

6. To communicate with another computer on a network, your computer sends a message called an _____.

1 / 1 point

- ☒ IP Packet
- ☐ IP Mail
- ☐ IP Container

✓ Correct

That's correct! IP packets contain the data being sent between computers.

7. The web browser and web server use which protocol to transfer data?

1 / 1 point

- ☐ DNS
- ☐ SMTP
- ☒ HTTP
- ☐ IMAP

✓ Correct

That's correct! HTTP is used to transfer HTML documents, images and files to the web browser.

8. In software development, a framework provides a structure for developers to build an application.

1 / 1 point

- ☒ True
- ☐ False

✓ Correct

Good job! Frameworks allow developers to build applications quicker by providing a structure to build with.

9. As a developer, it is best to use a _____ to write and maintain code.

1 / 1 point

- ☐ Word Processor
- ☒ Integrated Development Environment
- ☐ Web Browser
- ☐ Development Book

✓ Correct

That's correct! You will use an Integrated Development Environment to effectively and efficiently write and maintain code.

10. In software development, an API is a set of functions that an application component or service can provide.

1 / 1 point

- ☒ True
- ☐ False

✓ Correct

Good job! As a developer you will interact with many APIs while developing applications.