

WA2777 Comprehensive Angular 7 Programming

Lab Environment Setup Guide

Web Age Solutions Inc.

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Part 1 - Minimum Hardware Requirements

- Dual Core CPU or better 64 bits
- 4GB RAM minimum
- 20 GB in the hard disk
- Internet connection

Part 2 - Minimum Software Requirements

- Windows OS: Windows 7 / 10, Windows Server 2012.
- Latest Google Chrome browser
- Latest Visual Studio Code
- Node.js

Part 3 - Download and Install Chrome If not Already Installed

1. Download and install the latest Google Chrome browser from:

<https://www.google.com/intl/en/chrome/browser>

Part 4 - Installing Node.js

1. Download latest version of Node.js from <https://nodejs.org/en/download/>

Choose the download version based on your system configuration

2. Double click on **downloaded file** to begin installation.
3. In the Welcome page, click **Next**.
4. Check **I accept the terms...** and click **Next**.
5. Accept default destination folder and click **Next**.
6. Accept default Custom Setup selection and click **Next**.
7. Do not check the check-box on the Tools for Native Modules dialog. Click **Next**.
8. Click **Install**.
9. A pop-up window may open asking to install the software. Click **Yes** to continue.
10. Click **Finish**.

Installation verification of Node.js

1. Open a command prompt window.
2. Enter the command:

```
node --version
```

3. Make sure that you see the node version no. you have installed as the output.
4. Close all.

Part 6 - Installing Visual Studio Code

1. Download the latest VScode for Windows (stable build installer) from the following site:

<https://code.visualstudio.com/>

2. Run the downloaded installer to begin the installation.
3. Click **Next** on the welcome screen.
4. Check **I accept the agreement...** and click **Next**.
5. Leave the default installation location and click **Next**.
6. Leave the default start menu folder and click **Next**.
7. Put a check mark on all items under Additional Tasks and click **Next**.

8. Now click **Install**.
9. Give it some time to install.
10. When it is complete, **uncheck Launch Visual Studio Code** and click **Finish**.

Installation verification of VScode.

1. Launch Visual Studio Code using the shortcut on the desktop.
2. Verify Visual Studio Code opens and that you see the Welcome screen.
3. You may see a message to enable Java(tm) Plug-In, if so click Enable.
4. You may see a message regarding Git, if so click **Don't show again**.
5. Close all windows.