

# Software Installation Instructions

Before attending the ModusToolbox 101 training class, download and install the following software.

## Python

Python is required for both ModusToolbox and Mbed.

For Windows, ModusToolbox will install the version that it uses. For MacOS and Linux, Python is often pre-installed on the system. If not, you will install a copy for ModusToolbox and Mbed to use.

Note: Python 3.7.7. has been tested with the class material. Newer versions may work but they may not have been tested.

Before installing, open an terminal window and enter `python -version` to see what is already installed.

1. **MacOS:** You will need to install Homebrew first to allow Python 3 to be installed (if it is not already present).

<https://brew.sh>

Once that is installed, just run `brew install python3`

2. **Linux:** Install python3 using your distribution's package manager (if it is not already present - it is usually installed by default). For example, on Ubuntu it is `sudo apt install python3`

## ModusToolbox Software

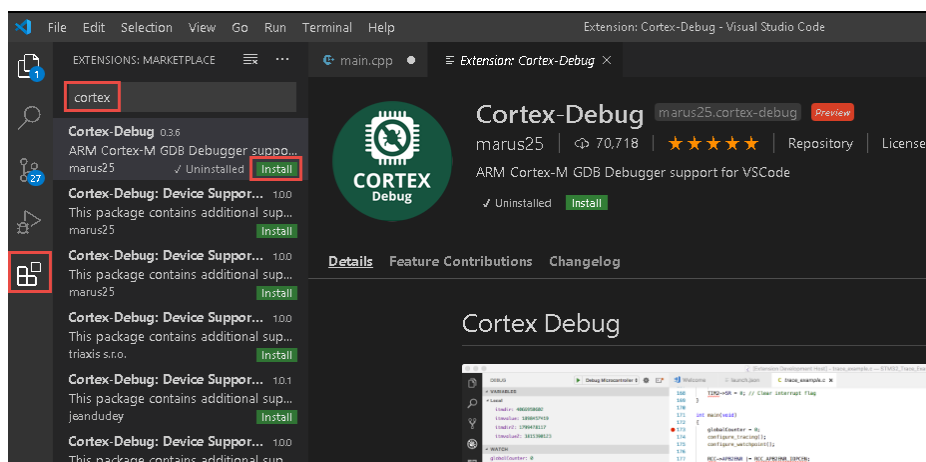
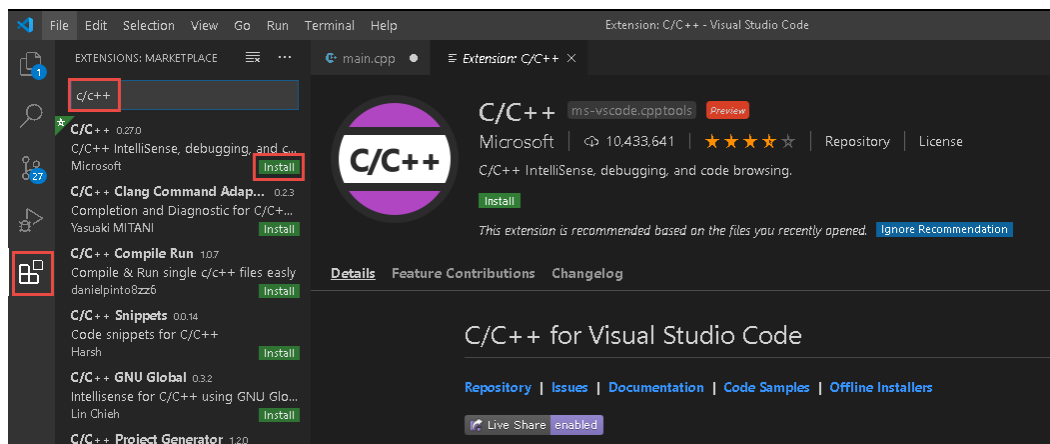
1. Download the software from this website:  
<https://www.cypress.com/products/modustoolbox-software-environment>

See instructions at <http://www.cypress.com/ModusToolboxInstallGuide>

## Visual Studio Code

1. Download the software from this website:  
<https://code.visualstudio.com/>  
See instructions at <https://code.visualstudio.com/docs/setup/setup-overview>

2. Once VS Code is installed, open it and install the C/C++ and Cortex Debug extensions:



## CySmart

Install the CySmart application for Android or iOS to your mobile phone from the appropriate app store.