

Software Setup Guideline for Web Development for Beginners

Things that you need before attending the workshop:

- Create a GitHub account.
- Sign up for Azure Account.
- Install VS Code.
- VS Code setup
 - Azure Static Web App extension
 - VS Code log in to Azure

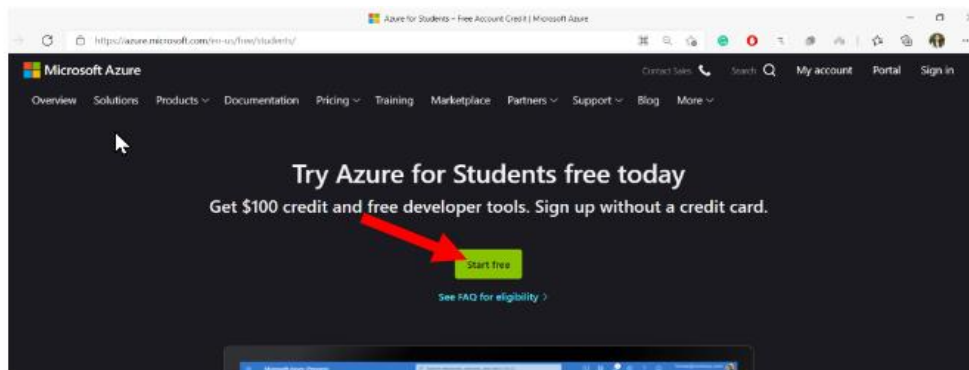
Create a GitHub account

- 1) Go to <https://github.com/> in a web browser.
- 2) Click 'Sign up' button at the top right corner.
- 3) Provide an email address and a password.
- 4) Enter a username that isn't already taken.
- 5) Verify your account by solving the puzzle.
- 6) The next thing you'll see is the pricing page for upgraded plans. Once you selected a plan, GitHub will send you an email to verify the address you provided.

Sign up for Azure Account

Microsoft Azure subscription.

1. Visit <https://portal.azure.com/>
2. Login using student email. Eg: yourname@student.usm.my
3. Visit: <https://azure.microsoft.com/en-us/free/students/>
4. Click 'Start free' > fill up all details required.



5. Visit <https://portal.azure.com/> again
6. Search for 'subscription' > Click the one with key icon
7. You should see 'Azure for Students'

Subscriptions ✨ ...

Universiti Sains Malaysia (studentusm.onmicrosoft.com) ← **Your organization name**

+ Add Manage Policies

View list of subscriptions for which you have role-based access control (RBAC) permissions to manage Azure resources. To view sub

Showing subscriptions in Universiti Sains Malaysia directory. Don't see a subscription? [Switch directories](#)


My role ⓘ Status ⓘ

8 selected 3 selected

Apply

Showing 1 of 1 subscriptions ☒ Show only subscriptions selected in the [global subscriptions filter](#) ⓘ

Search

Subscription name ↑↓	Subscription ID ↑↓	My role ↑↓
 Azure for Students	[REDACTED]	Account admin

Congratulations! You have an Azure Student Account now!


Download and Install VS Code for Windows

- 1) Go to <https://code.visualstudio.com/download> in a web browser.
- 2) Click the first option **Windows** to download VS Code.

Visual Studio Code Docs Updates Blog API Extensions FAQ Learn Search Docs Download


Download Visual Studio Code

Free and built on open source. Integrated Git, debugging and extensions.




↓ **Windows**
Windows 7, 8, 10, 11

User Installer 64 bit 32 bit ARM
System Installer 64 bit 32 bit ARM
.zip 64 bit 32 bit ARM



↓ .deb Debian, Ubuntu
↓ .rpm Red Hat, Fedora, SUSE

.deb 64 bit ARM ARM 64
.rpm 64 bit ARM ARM 64
.tar.gz 64 bit ARM ARM 64
Snap Store

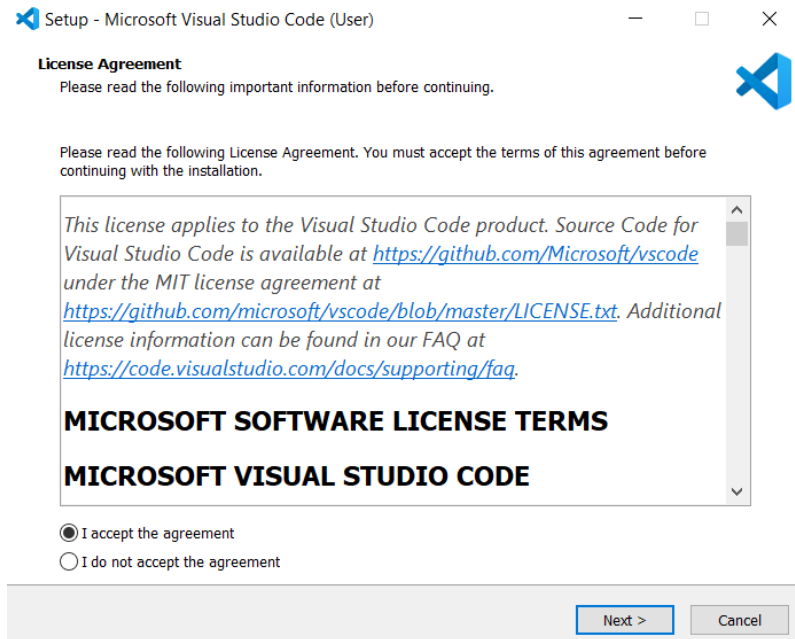


↓ **Mac**
macOS 10.11+

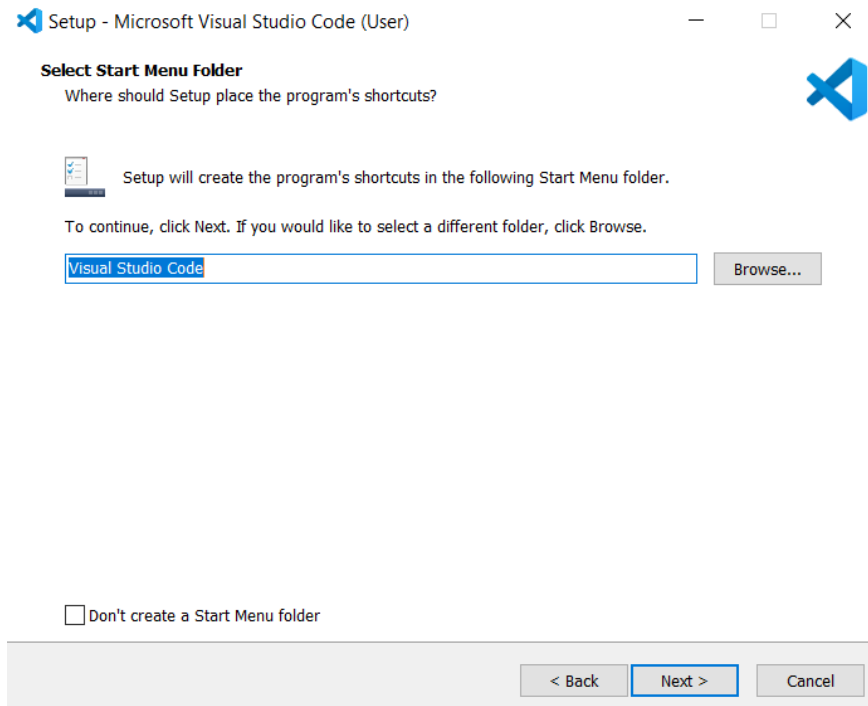
.zip Universal Intel Chip Apple Silicon

- 3) Double click the downloaded file.

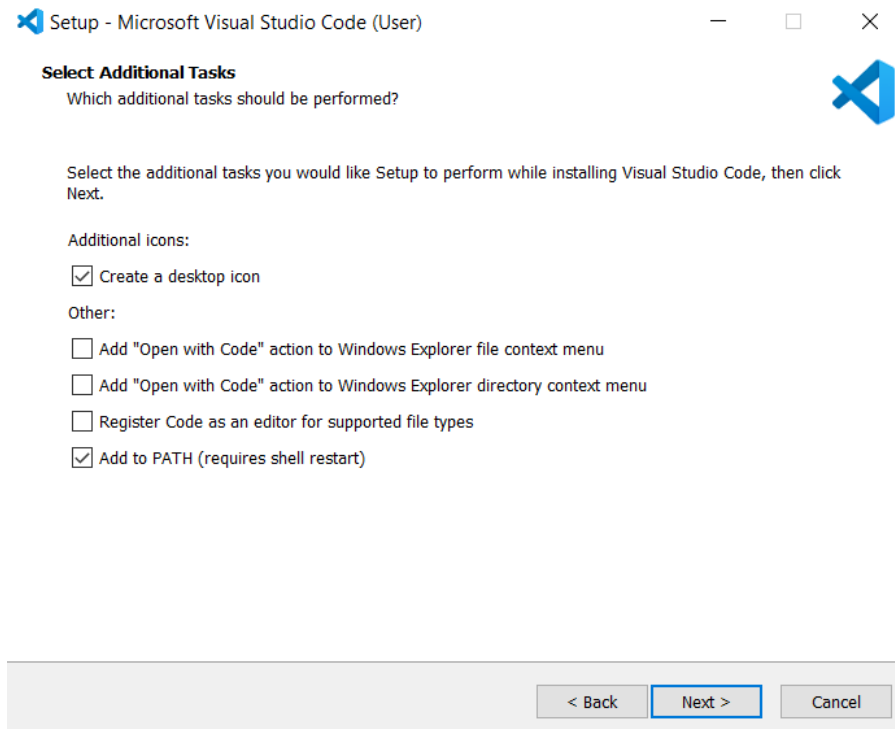
- 4) A dialogue box will appear. Select *I accept the agreement* > select *Next*.



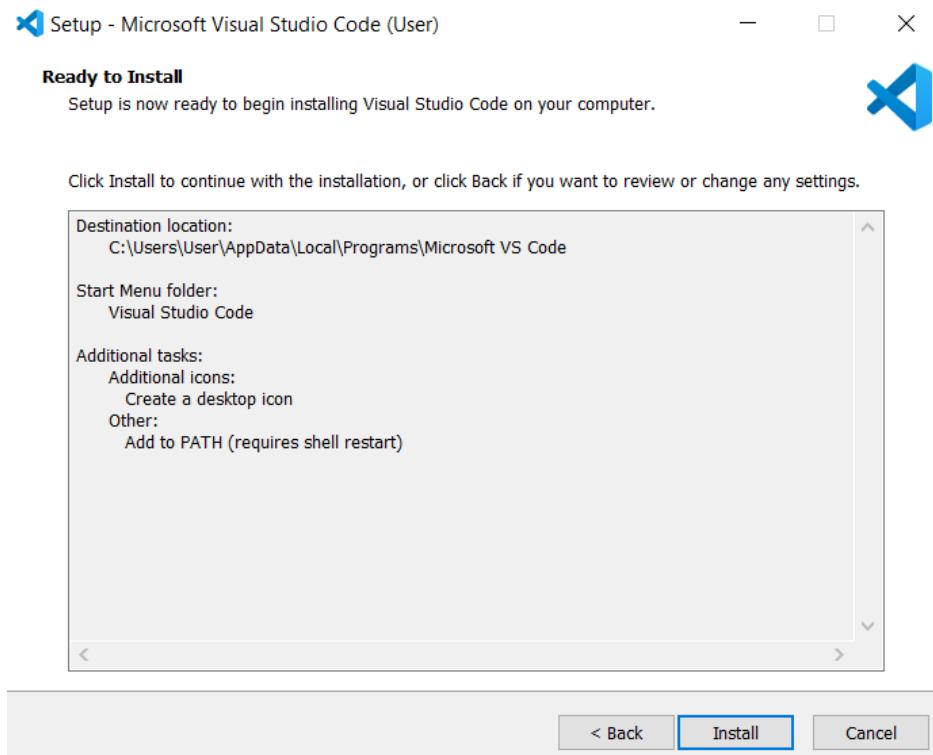
- 5) Select a folder by clicking *Browse* or just follow the default path > select *Next*.



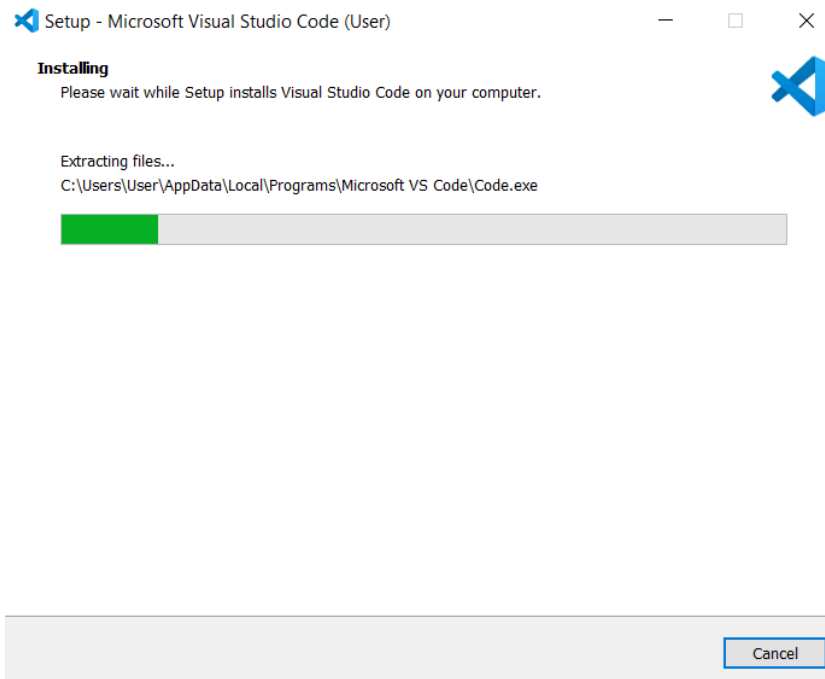
- 6) Select *Create a desktop icon* so that it can be accessed from desktop > select the other options as per your need by clicking in the checkbox > select *Next*.



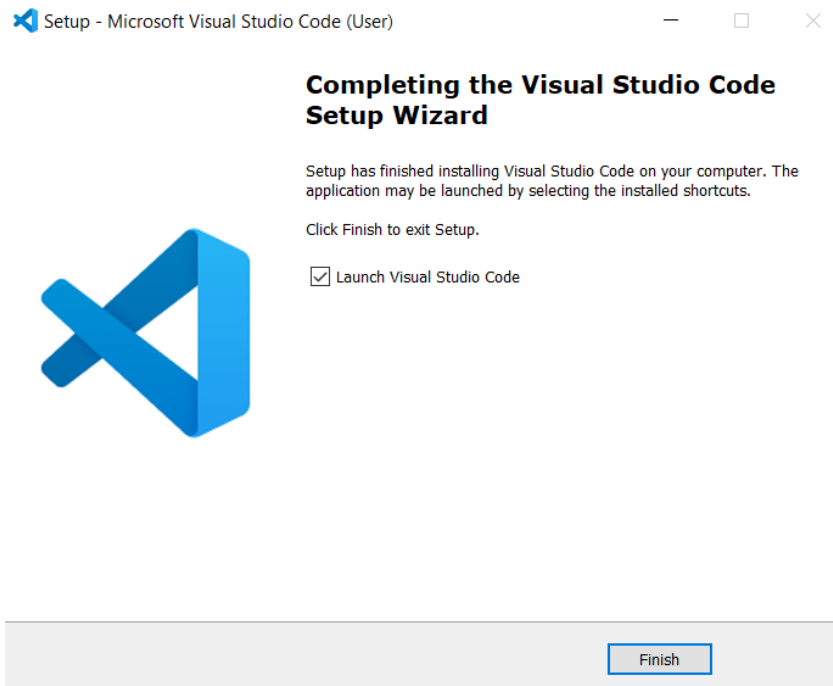
- 7) Select *install*.



8) Wait while it gets installed.



9) Select *Finish* to exit Setup > check in the check box to launch VS Code right now.



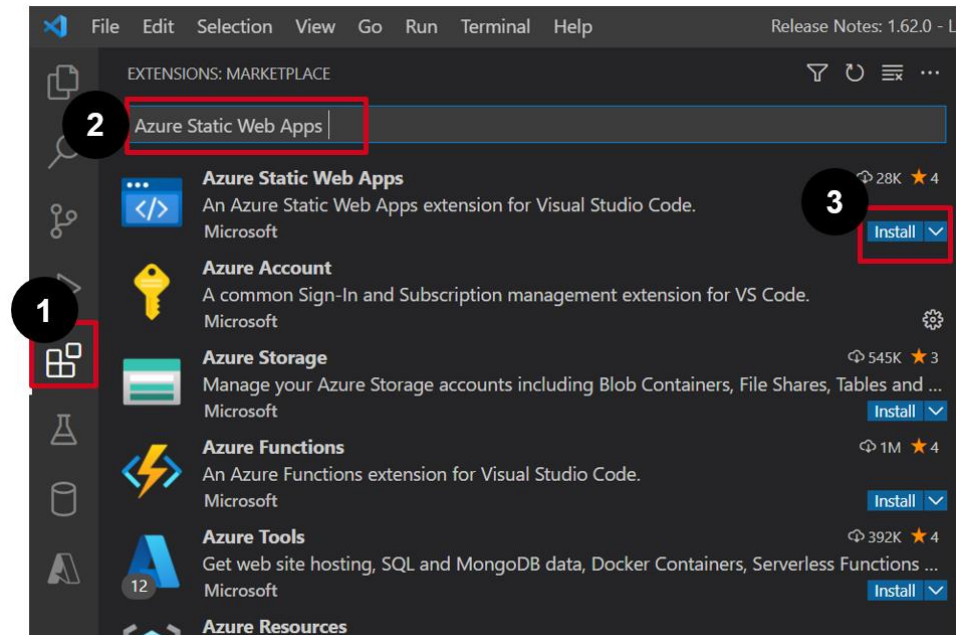
Congratulation! VS Code got installed in your system successfully.

** For Mac OS users, please refer to this [link](#).

VS Code Setup for Workshop

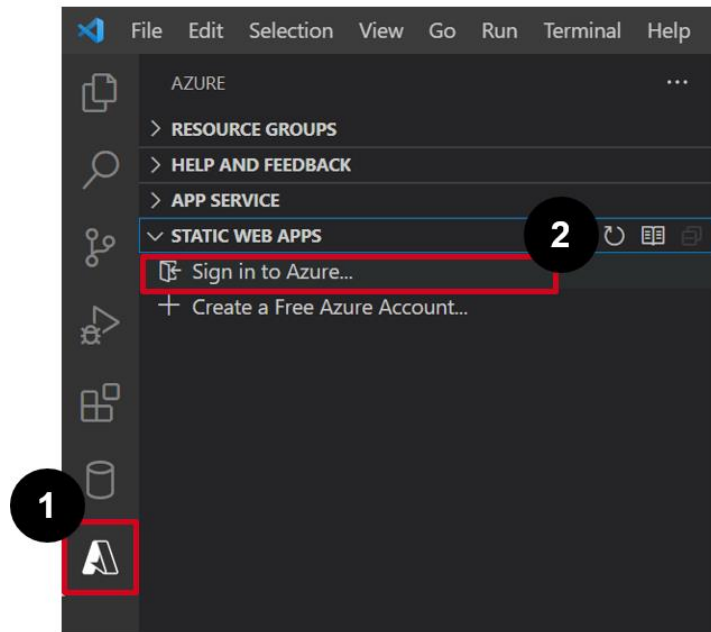
Install the Azure Static Web Apps extension for Visual Studio Code

1. Launch your VS Code and Click the extension icon on your left panel of VS Code
2. Search for 'Azure Static Web Apps'
3. Click install



Sign in to Azure in Visual Studio Code

1. Click the Azure icon on your left panel of VS Code
2. Expand 'STATIC WEB APPS'
3. Click 'Sign in to Azure..'
4. Browser will be pop out and required you to sign in
 - a. Sign in using credentials that you got Azure activated



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