Learn Salesforce with Cloudely

INSTALLATION GUIDE FOR VISUAL STUDIO CODE

To install VS Code, SFDX, and Salesforce Extension Packs. To create Light Weight Components (LWC) in Salesforce.





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Installation Guide for VS Code

Visual Studio Code, commonly called VS Code, is an editor for building Lightning components faster. It supports multiple languages such as C, C++, C#, JavaScript, Java, and Phyton.

VS Code was first released on April 29th, 2015 by Microsoft. It supports MacOS, Windows, Linux and hence we can download for free and run it on any platform. This is also one of the reasons for its popularity. This installation guide is designed for Salesforce learners.

Installation Steps

To create Light Weight Components (LWC) in Salesforce, we must install VS Code, SFDX, and Salesforce Extension Packs.

Installation of SFDX and CLI

1. Open Google and type SFDX CLI





2. Click on the link – Salesforce CLI

Google	sfdx cli X 🌷 🔅 Q
	Q All 🖬 Images 🕑 Videos 🖺 Books 🕮 News ∔ More Tools
	About 68,000 results (0.42 seconds)
	Salesforce https://developer.salesforce.com > tools > sfdxcli : Salesforce CLI
	What is it? The Salesforce CLI is a powerful command line interface that simplifies development and build automation when working with your Salesforce org. Salesforce CLI Command Salesforce DX Developer Guide

3. Now choose your platform. In the current example, we are using Windows.

Developers	Home Documenta	tion APIs Discover	✓ Build ✓ Cont	nect 🗸	Browse Tria
		Sa	alesforce CLI		
을 알 <i>신 (~~</i> ~		Single command-line	e interface for all Salesfor	rce DX features	
Ser 17 101					
		MacOS	Windows	Linux	

Note: X64 is the laptop version for Windows OS.

4. The file will be downloaded into your system. Open the downloaded file, click on **Next** and then on **Install**.



Installing			0
Please wait while sfdx-cli is being installed.			
Extract: timers.js 100%			
Show details			
illsoft Install System v3,08-2			
	< Back	Close	Cancel

5. After installing, click on Close.

Remember that before installing VS Code, we must perform the above installation. Only then, we must install VS Code.

Installation Steps of VS Code

1. Open Google and type Visual Studio Code download in the search bar.





2. Click on the below highlighted link for any OS.



3. Now, select the respective OS. In this case we are selecting Windows.



4. The file will be downloaded onto your system. Open the file and then click on **Install**. After downloading the VS Code file, the official site will display a Thanks message for downloading the file.



💙 Visual Studio	Code Docs Updates Blog API Extensions FAQ Learn	s 🛓 Download
	<u>Version 1.78</u> is now available! Read about the new features and fixes from April.	
Overview SETUP GET STARTED	Thanks for downloading VS Code for Windows! Download not starting? Try this direct download link. Please take a few seconds and help us improve click to take survey.	GETTING STARTED VS Code in Action Top Extensions First Steps
USER GUIDE	Getting Started	Keyboard Shortcuts Downloads Privacy
TERMINAL LANGUAGES NODE.JS / JAVASCRIPT	Visual Studio Code is a lightweight but powerful source code editor which runs on your desktop and is available for Windows, macOS and Linux. It comes with built-in support for JavaScript, TypeScript and Node.js and has a rich ecosystem of extensions for other languages and runtimes (such as C++, C#, Java, Python, PHP, Go, .NET). Begin your journey with VS Code with these introductory videos.	✓ Tweet this link → Subscribe Ask questions

5. Now accept the license agreement.

Please read the following important informa	tion before continuing.	
Please read the following License Agreemer continuing with the installation.	nt. You must accept the ten	ms of this agreement before
This license applies to the Visual	Studio Code produci	t. Source Code for Visual
Studio Code is available at https	://github.com/Micros	soft/vscode under the MI
license agreement at		
https://github.com/microsoft/vsc	code/blob/main/LICE	<u>NSE.txt</u> . Additional
license information can be found	l in our FAQ at	
https://code.visualstudio.com/do	ocs/supporting/faq.	
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MICROSOFT VISUAL	STUDIO CODE	
 I accept the agreement 		

Then it prompts for the file location, where you want to save the VS Code file. Browse the location and then click on Next.



ect Destination Location			
Where should Visual Studio Code be installed?			
Setup will install Visual Studio Code into the following folder.			
To continue, click Next. If you would like to select a different folder, clic	k Browse.	-	
C:\Users\my\AppData\Local\Programs\Microsoft VS Code		Bro	wse
At least 342.5 MB of free disk space is required.			

7. Next, you see the prompt for the additional task which we want the VS Code

to perform. At this step, choose the default settings and then click on **next**.

Which additional tasks should be performed?				5
which additional tasks should be performed.				~
Select the additional tasks you would like Setup to perform while install Next.	ling Visual Studio	Code, the	n dick	
Additional icons:				
Create a desktop icon				
Other:				
Add "Open with Code" action to Windows Explorer file context me	nu			
Add "Open with Code" action to Windows Explorer directory conte	ext menu			
Register Code as an editor for supported file types				
Add to PATH (requires shell restart)				



8. The next prompt is how you want the VS Code on your startup. Change according to your convenience and click on **Next**.

Coloct C	tart Monu Fo	lder								
When	e should Setup p	place the progra	am's shortcut	ts?						×
	Setup will cr	eate the progra	am's shortcut	s in the f <mark>o</mark> llo	owing Sta	art Menu f	ölder.			
To cor	ntinue, dick Nex	t. If you would	l like to select	t a different	t folder,	click Brows	se.			
Visua	l Studio Code							Br	owse	
L										
	on't create a Sta	rt Menu folder								
	n't create a Sta	rt Menu folder	8			< Back	Ne	xt >	Ca	ancel

9. The installation of VS Code will now begin.

🔀 Setup - Microsoft Visual Studio Code (User)		×
Installing Please wait while Setup installs Visual Studio Code on your computer.		×
Extracting files C:\Users\my\AppData\Local\Programs\Microsoft VS Code\Code.exe		
	Ca	ancel



10. At this step, we have completed installing VS Code, click on Finish.



11. Now that VS Code installation is successful, the page appears as below:

×	ile Edit Selection View Go Run Terminal Help	Welcome - Visual Studio Code	
Ð	刘 Welcome 🗙		
þ	< Welcome		
દુહ	Get Started with V	s	
	Code		
~ 88	Discover the best customizations to make VS Code yours.	Dark Modern	Light Modern
	Choose the look you want	Dark High Contrast	Light High Contrast
	 Sync to and from other devices 	See I	More Themes
	 One shortcut to access everything 		
	O Rich support for all your languages		
	Open up your code		
	✓ Mark Done Next Section		
8			
£53	Code collect	ts usage data. Read our privacy statement and learn	
⊗0.	<u>免</u> 0		R Q



We can change the look as per our choice and continue working on it. **Note**: Before using VS Code, we must install some extension packs so that we can make use of the org where we have the data. To do this, follow the below steps:

Installation Steps of Extension Packs

- 1. Open VS Code.
- Click on Extensions. Type Salesforce in the Extension search box and then select Salesforce CLI Extension Pack.







- 3. Click on **Install**. Note that these packs help us connect the Salesforce Org with this VS Code.
- 4. Similarly, install Salesforce Extension Pack, Salesforce CLI integration pack and Salesforce Extension Pack (Expanded).



<i>≣ Extens</i>	sion: Salesforce Extension Pack $ imes$			
		alesforce Extensio	en Pack v57.14.1 1.059.179 AAAAA lesforce Platform	
	Extension Pack (9)			
	Salesforce CLI Provides integr.	Integration ation with the Salesforce CLI	Categories Extension Packs	
	Apex Browides codes	aditing features for the Apex	Extension Resources	
	Salesforce	Installing	Marketplace Repository License Salesforce	
	Provides code-e	editing features for Aura Com	More Info	
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	Salesforce Pac ϕ 172K \star 4 Extension for generating Pa Vignaesh Ram A Install	Provides integration with the Sales	force CLI Install Extension	
SFDOC	Salesforce Do Φ 36K ★ 4.5 Automated Code Document HugoOM	Apex Provides code-editing features for Salesforce	Resources the Apex Marketplace Install Repository	
	Salesforce Tool @ 18K ★ 5		Salesforce	





5. Note that we must install both 9 and 13 Extension packs. These may change with version.

This is how we must use VS Code for creating the Light Weight Components.

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About Cloudely Inc. Salesforce Training Programs

Cloudely is a fast-growing Salesforce partner with a track record of successful implementations since 2013. We have launched Salesforce Training to help candidates get certified in Salesforce. Cloudely Salesforce Training Solutions transform learners into competent Salesforce professionals. Our Umbrella of training solutions cater to the Salesforce career aspirations irrespective of their Salesforce expertise.

- Online Salesforce CPQ Training
- Online Salesforce Billing Training
- Online Salesforce Admin Training
- Online Salesforce Developer Training
- Online Salesforce Lightning Web Components (LWC) Training
- Online Salesforce Admin and Developer Training including Lightning (SFDC Training Program)

Students can also choose to enroll in dedicated programs for Salesforce Admin, Salesforce Developer, and Salesforce Lightning Web Components programs.

Please connect with our Admissions team at **salesforce@cloudely.com** to know the individual program details including fee and training start date. Know more about us www.cloudely.com. Connect with us on <u>LinkedIn</u> and <u>Twitter</u>.

