## How to Download Developer Tools and Learning Resources From Microsoft Azure

For example download and installation process of Visual Studio 2017 is provided as follows:

Go to the address: https://azureforeducation.microsoft.com/devtools

- 1. You may download Visual Studio 2017 Enterprise Edition ISO file via Microsoft Azure with your student credentials:
  - a. Click "Sign In" button.



b. This will direct you to the sign-in page of Microsoft;

- if you have a Microsoft Account please sign-in.

- if you don't have a Microsoft account, you can create a new one (Use a personal email, such as Gmail, etc...) and after that by using your new account you can sign-in and continue with the following steps.

Microsoft	
Sign in	
Email, phone, or Skype	
No account? Create one!	
Forgot username	
	Next

c. After you successfully signed-in with your Microsoft account, it will need an academic verification. Click the specified area at below.



d. It will direct you to below page. Click the "Activate now" button.



e. Enter your **school email address** (e.g. burcu.alper@ug.bilkent.edu.tr) and a verification mail will be sent to your email address.

Azure Dev Tools for Teaching
Get the tools you need to build your project, design an app or launch a
website.
Academic verification required
The account you are signed in is not yet verified to access offer benefits. Please use the form below to verify.
Enter your school email address. If your school is in our database, we will email you a verification link.
Your school email address will be used only for verification purposes, for everything else please use you Microsoft account email.
School email address
burcu.alper@ug.bilkent.edu.tr
Re-enter school email address
burcu.alper@ug.bilkent.edu.tr
I agree to the subscription agreement, offer details, Azure Dev Tools for Teaching agreement and privacy statement
I would like information, tips, and offers from Microsoft or selected partners about Azure, including Azure Newsletter, Pricing updates, and other Microsoft products and services.
Verify academic status and accept terms
rification e-mail has been sent to the school e-mail address you provided. Please follow structions in the e-mail to complete the offer activation.

f. After you followed the instructions in the email that has been sent to your Bilkent email address, your academic status will be approved. Click the "Accept terms" button



g. Microsoft Azure web page will be open. If you want to download the latest version of Visual Studio, you can select directly "Visual Studio Enterprise 2019" below screen. If the "enterprise" is not available for you, then you can download the "community" version of the Visual Studio.

Microsoft Azure	, P Search resources, s	services, and docs	
«	Home > Education - Quick Start		
+ Create a resource	Education - Quick Start		;
🟫 Home			
🔟 Dashboard	,O Search (Ctrl+/)		
∃ All services	Quick Start		
* FAVORITES	🛒 Software		
III resources	🕈 Learning		
🚱 Resource groups	NEED HELP?	Start building with Azure	
🔇 App Services	🔓 Student FAQ	Download the developer tools you need to build your projects in the cloud and choose	
Function Apps		from the learning paths below to grow your Azure skills.	
👼 SQL databases		Get software	
🧟 Azure Cosmos DB		Visual Studio Enterprise 2019 Windows Server 2019 Visual Studio	Code
Virtual machines		An integrated, end-to-end Get the latest version of the Suild web and solution for developers looking	i clou
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Storage accounts			
<-> Virtual networks		Start learning	
Azure Active Directory		Build a chatbot with Azure Analyze images with Al Deploy a well	bsite !
Monitor		Build and publish intelligent bots Use the Computer Vision API to Publish and m	sanag

h. After you select the "Visual Studio Enterprise 2019", screen will look like the following and you can directly click to the "download" button and it will start to download it. Also do not forget to look for your "Product Key" by clicking the "View Key" button.

Microsoft Azure	$\mathcal P$ Search resources	, services, and docs	) 🗘 🏟 ? 😳 🔚 🔄 🎐
«	Home > Education - Quick Start		Software $ imes$
+ Create a resource	Education - Quick Start		Education - PREVIEW
🛧 Home	W K		
📃 Dashboard	, Search (Ctrl+/)		
E All services	👕 Quick Start		Visual Studio Enterprise 2019
+ FAVORITES	💻 Software		An integrated, end-to-end solution for developers looking for
All resources	💡 Learning		high productivity and seamless coordination across teams of any size.
📦 Resource groups	NEED HELP?		Product Language
🔇 App Services	Student FAQ		Multilanguage
Function Apps			System 64 bit
👼 SQL databases		Start bui	
🧭 Azure Cosmos DB		Download the developer tools you	T View Key
Virtual machines		from the learning	1
💠 Load balancers		Get software	
Storage accounts		Visual Studio Enterprise 2019	
↔ Virtual networks		An integrated, end-to-end	
Azure Active Directory		for high productivity.	
Onitor			Download Cancel

i. If you want to download the previous versions of the product (since we use 2017 version in labs), you should select the "Software" tab and write the name of the version you are looking for to search area. By clicking the product you can download. After you download the one you looked for.



j. If you search "Visual Studio for Mac", you are going to find a Visual Studio product for Mac and you can download it as you did before for other products.

*	Home > Education - Software					
Create a resource	Education - Software					×
🚹 Home		«				_
Dashboard	, ○ Search (Ctrl+/)	U Visual Studio for Mac	Product Category	System Type	✓ Language ✓	·
∃ All services	🞓 Quick Start	157 Items				
★ FAVORITES	📃 Software	NAME	PRODUCT CATEGORY	SYSTEM TYPE	LANGUAGE	
All resources	🗅 🔮 Learning	Visual Studio for Mac	Developer Tools	64 bit	Multilanguage	
🕥 Resource groups	NEED HELP?					
🔇 App Services	Student FAQ					

2. Assume that you downloaded "Visual Studio Enterprise 2017". Run the installed .exe named "vs\_enterprise.exe".

Installing	
Downloading: 41.84 MB of 63.82 MB	4.64 MB/see
Just a moment Fetching your files.	

Cancel

**3.** Select the "Desktop development with C++" and Installation details should be looking like the below screenshot.

Modifying — Visual Studio Enterprise 2017 — 15.7.2		×
Workloads Individual components Language packs	Installation locations	
Windows (3)		Installation details
Universal Windows Platform development Create applications for the Universal Windows Platform with C#, VB, JavaScript, or optionally C++.	NET desktop development Build WPF, Windows Forms, and console applications using C#, Visual Basic, and F#.	<ul> <li>&gt; Visual Studio core editor</li> <li>&gt; Desktop development with C++ Included</li> <li>&lt; Visual C++ core desktop features</li> </ul>
Desktop development with C++ Build Windows desktop applications using the Microsoft C++ toolset, ATL, or MFC.	<u></u>	Optional ✓ Just-In-Time debugger ✓ VC++ 2017 version 15.7 v14.14 latest v141 tools ✓ C++ profiling tools ✓ Windows 10 SDK (10.0.17134.0)
Web & Cloud (7)		Visual C++ tools for CMake Visual C++ ATL for x86 and x64
ASP.NET and web development Build web applications using ASP.NET, ASP.NET Core, HTML/JavaScript, and Containers including Docker support.	Azure development Azure SDKs, tools, and projects for developing cloud apps, creating resources, and building Containers including	✓ Test Adapter for Boost.Test     ✓ Test Adapter for Google Test     Windows & 1 SDK and UCRT SDK     Windows XP support for C++     Visual C++ MFC for x86 and x64     C L+ UCL support
Python development Editing, debugging, interactive development and source control for Python.	Node.js development Build scalable network applications using Node.js, an asynchronous event-driven JavaScript runtime.	C++)C+ support  Modules for Standard Library (experimental)  IncrediBuild - Build Acceleration  Windows 10 SDK (10.0.16299.0) for Desktop C+ Windows 10 SDK (10.0.15063.0) for Desktop C+ Windows 10 SDK (10.0.14393.0) Windows 10 SDK (10.0.1586.0)
Location C\Program Files (x86)\Microsoft Visual Studio\2017\Enterprise Change		
en regent des productions and a statisfie of perception of angent		Total space required 90 MB
By continuing, you agree to the <u>license</u> for the Visual Studio edition you selected. We also is licensed separately, as set out in the <u>3rd Party Notices</u> or in its accompanying license. B	offer the ability to download other software with Visual Studio. This software y continuing, you also agree to those licenses.	Close

4. Then the installation process will start. It'll take some time based on your computer configuration. High configuration PCs take average one and a half or, two hours.

Vis	ual Studio Installer
Produ	cts
Insta	alled
N	Visual Studio Enterprise 2017
	Downloading: 56 MB of about 1.67 GB ( 2 MB/sec ) 3%
	Installing: package 12 of 293 1% Microsoft VisualStudio.Connected
	Pause Z Start after installation

5. After completing the installation process, you will see an option to restart your computer to complete the installation process. Hit the "Restart Now" button. It'll restart your computer. After some moment your installation process will be done, and you'll get this message window. And then you'll be asked to "Sign in" with your Microsoft account, you can do so or just click "Not now, may be later".

Visual Studio	Visual Studio		
Welcome!	Start with a familiar environment		
Connect to all your developer services.	Development Settings: General		
Sign in to start using your Asure credits, publish code to a private Git repository, sync your settings, and unlock the IDE. Learn more	Apply customizations from the previous version to the environment selected above.		
	Choose your color theme		
	Blue     Blue (Extra Contrast)		
	빈 Visual Studio 빈 Visual Studio		
Sign in	Dark Light		
bon cheve an account angli op	넷 Visual Studio 넷 Visual Studio		
Not now, maybe later.			

Start Visual Studio

6. Now Your Visual Studio 2017 Enterprise is ready to use. You will see below visual studio screen.

Start Page - Microsoft Visual Studio		▽ 4	P Quick Launch (Ctrl+Q) P - & ×
File Edit View Project Debug Team	Tools Test Analyze Window Help		Nur Caglar 👻 NC
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ତ ତ ଜ୍ର <i>🖡</i>	× Get Started Build your first app in 5 minutes! Maimize your productivity with these tips and tricks for Visual Studio Take advantage of the nevest technologies to deploy beautiful, low-cost and reliable vebsites Develop modern, fully-native, Android and IOS apps Produce more, fix faster and deliver updates seamlessly Reduce turnaround by making your changes and seeing real time impact	Open         Get code from a remote version control system or open something on your local version.         Checkouf from:         ✓ Visual Studio Team Services         Image: Open Project / Solution         Image: Open Folder         Image: Open Website	A (Belated) Welcome to C# 7.3 Better let han never Some of you may have noticed that C# 7.3 arteady shipped, back in Visual Studio 2017 up NEW 13 Ey@l 2018 Pergembe Announcing M.LNET 0.5 Today, coinciding with the .NET Conf 2018, we're announcing the relase of MLAET 0.5. It's been a few months afr NEW 13 Ey@l 2018 Pergembe
	Output		<del>~</del> म ×
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Solution Class view Property Team Exp.			
L] Ready			

- 7. Microsoft Visual Studio 2017 Enterprise edition is a non-free application. Thus, you need to activate this software to keep using it. Otherwise, you may choose to install community version as mentioned above. Now one more thing to do is to activate your Visual Studio with the product id which you've got from your MSDN account. Go to Help >> Register Product Key.
- 8. You'll see a window like below. Click the "Unlock with a Product Key" link and popup screen will appear and enter your product key to register your copy of Visual Studio 2017 Enterprise, as shown below. After the activation below screen will appear.

Sign in to Visual S	Studio	Visual Studio	
/isual Studio will help you plan p eam, and manage your code on!	rojects, collaborate with your line from anywhere.	Enterprise 2017	Viewel Churchie
earn more sign in to start using your Azure of	credits, publish code to a private	License: 30 day trial (for evaluation purposes only) Your evaluation period will end on Friday, July 20, 2018.	Visual Studio
Sign in Don't have an ad	ccount? Sian un	Check for an updated license Unlock with a Product Key	Enterprise 2017
All Accounts	Enter a product key The 25 character product k package or on the MSDN s Product key:	ey is available inside the Microsoft Visual Studio ubscriber site.	License: Product key applied