

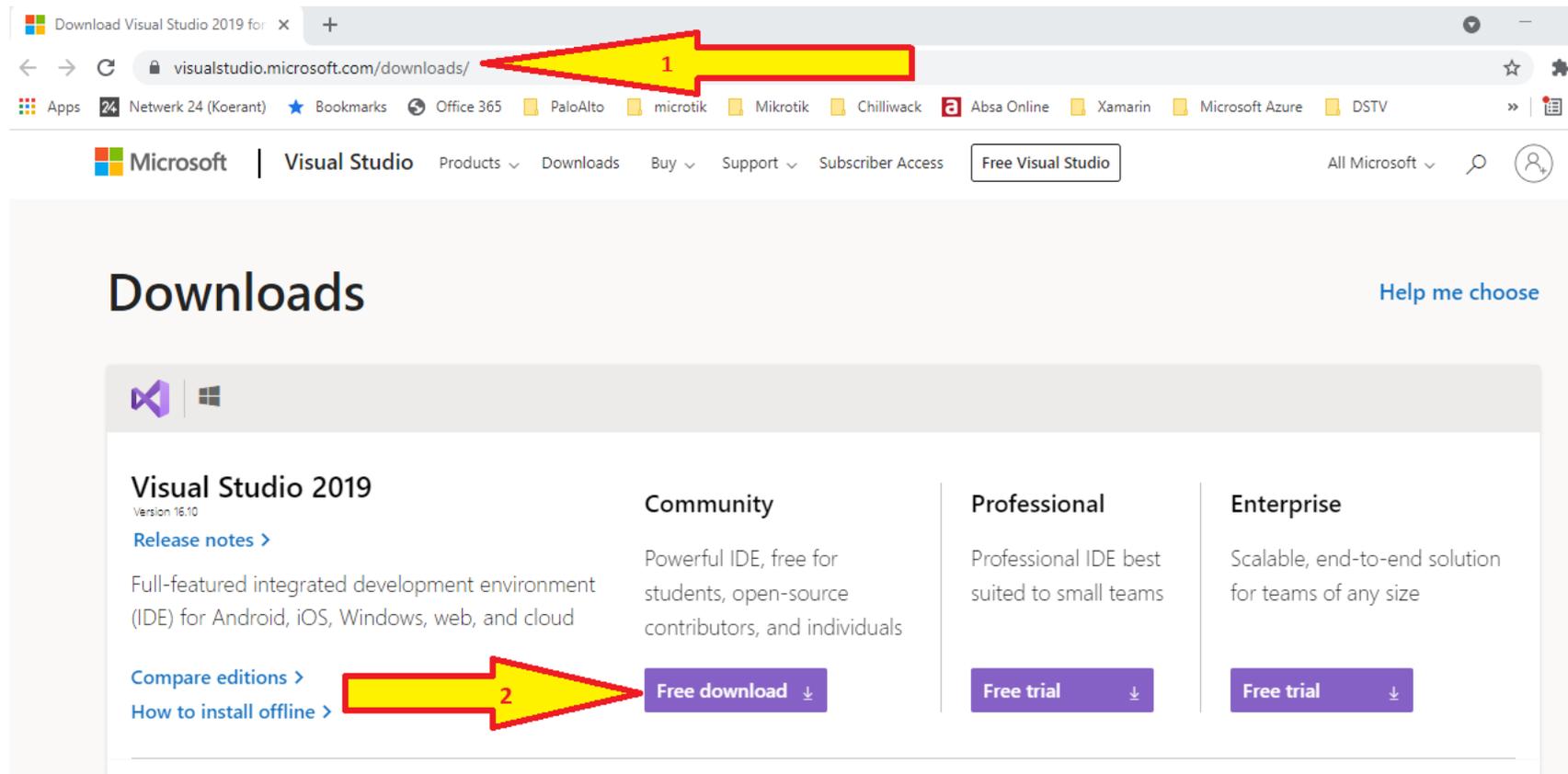
INSTALL VISUAL STUDIO 2019

Make sure you have enough data available to download this program if you are at home as you need +- **11Gig of data** to complete the process

It is advisable to download this software using the college WiFi.

STEP 1:

- In your browser type: <https://visualstudio.microsoft.com/downloads/>
- From the webpage select the “Community” button



The screenshot shows a web browser window with the URL visualstudio.microsoft.com/downloads/. A yellow arrow labeled '1' points to the address bar. Below the browser, the Microsoft Visual Studio website is displayed. The page title is 'Downloads' and there is a 'Help me choose' link. The main content area features three columns for different editions: 'Community', 'Professional', and 'Enterprise'. The 'Community' column includes a 'Free download' button, which is highlighted by a yellow arrow labeled '2'. The 'Professional' and 'Enterprise' columns each have a 'Free trial' button.

Step 2:

Double click the downloaded file to start the installation of Visual Studio 2019

The image shows a web browser window with the URL `visualstudio.microsoft.com/thank-you-downloading-visual-studio/?sku=Community&rel=16`. The page features a dark blue header with the text "Thank you for downloading Visual Studio" and a sub-header "Your download will start shortly. If your download does not begin, [click here to retry](#)". Below this is a "Getting started" sidebar with options: "Install Visual Studio", "Getting started", "Personalize", and "Start a tutorial". The main content area includes the heading "Install Visual Studio" and a paragraph: "New to Visual Studio? Learning a new development tool can be overwhelming. Take this step-by-step learning journey at your own pace to successfully create a simple app in any language of your choice. Let's get started! First please make sure to open your Visual Studio download and install. You can save installation time and disk space by [selecting just the components needed](#). You can always incrementally add more components later at any time as needed." Below the main content is the heading "Getting Started with Visual Studio IDE". At the bottom, a Windows taskbar shows a file named `vs_community__20....exe` with a yellow arrow pointing to it and the text "Double click to start installation".

Step 3:

Run the windows installer

The screenshot shows a web browser window with the URL `visualstudio.microsoft.com/thank-you-downloading-visual-studio/?sku=Community&rel=16`. The page content includes a large heading "Thank you for downloading Visual Studio" and a sidebar menu with options like "Install Visual Studio", "Getting started", "Personalize", and "Start a tutorial". A "Getting started" dropdown is also visible. A security warning dialog box titled "Open File - Security Warning" is overlaid on the page. The dialog asks "Do you want to run this file?" and displays the following information: Name: `..downloads\vs_community_2093463091.1624869816.exe`, Publisher: [Microsoft Corporation](#), Type: Application, and From: `C:\Users\Raymond\Downloads\vs_community_20934...`. There are "Run" and "Cancel" buttons at the bottom of the dialog. A yellow arrow with a red outline points to the "Run" button. A checkbox labeled "Always ask before opening this file" is checked. At the bottom of the dialog, there is a warning icon and text: "While files from the Internet can be useful, this file type can potentially harm your computer. Only run software from publishers you trust." with a link "What's the risk?". The browser's taskbar at the bottom shows a task for `vs_community_20...exe` and a "Show all" button.

Step 4:

Select Continue

The screenshot shows a web browser window with the URL `visualstudio.microsoft.com/thank-you-downloading-visual-studio/?sku=Community&rel=16`. The page header includes the Microsoft logo, "Visual Studio" branding, and navigation links for Products, Downloads, Buy, Support, and Subscriber Access. A "Free Visual Studio" button is also present. The main content area features a large dark blue banner with the text "Thank you for downloading Visual Studio" and "Your download will start shortly. If your download...". Below this, a sidebar on the left lists navigation options: "Getting started" (expanded), "Install Visual Studio", "Getting started", "Personalize", and "Start a tutorial". The main content area contains the heading "Getting Started with Visual Studio IDE" and the text "First please make sure to open your Visual Studio download and install. You can save installation time and disk space by selecting just the components needed. You can always incrementally add more components later at any time as needed." A modal dialog box titled "Visual Studio Installer" is overlaid on the page, containing the text: "Before you get started, we need to set up a few things so that you can configure your installation. To learn more about privacy, see the Microsoft Privacy Statement. By continuing, you agree to the Microsoft Software License Terms." A large yellow arrow with a red outline points to the "Continue" button at the bottom of the dialog box.

STEP 5:

Select the programs you need to install

Installing — Visual Studio Community 2019 — 16.10.4

Workloads Individual components Language packs Installation locations

Need help choosing what to install? [More info](#)

Web & Cloud (4)

- ASP.NET and web development**
Build web applications using ASP.NET Core, ASP.NET, HTML/JavaScript, and Containers including Docker supp...
- Python development**
Editing, debugging, interactive development and source control for Python.
- Azure development**
Azure SDKs, tools, and projects for developing cloud apps and creating resources using .NET and .NET Framework....
- Node.js development**
Build scalable network applications using Node.js, an asynchronous event-driven JavaScript runtime.

Desktop & Mobile (5)

- .NET desktop development**
Build WPF, Windows Forms, and console applications using C#, Visual Basic, and F# with .NET and .NET Frame...
- Desktop development with C++**
Build modern C++ apps for Windows using tools of your choice, including MSVC, Clang, CMake, or MSBuild.

Installation details

▼ **.NET desktop development**

- ▼ Included
 - ✓ .NET desktop development tools
 - ✓ .NET Framework 4.7.2 development tools
 - ✓ C# and Visual Basic
- ▼ Optional
 - ✓ .NET development tools
 - ✓ .NET Framework 4 – 4.6 development tools
 - ✓ Blend for Visual Studio
 - ✓ Entity Framework 6 tools
 - ✓ .NET profiling tools
 - ✓ IntelliCode
 - ✓ Just-In-Time debugger
 - ✓ Live Share
 - ✓ ML.NET Model Builder (Preview)
 - F# desktop language support
 - PreEmptive Protection - Dotfuscator
 - .NET Framework 4.6.1 development tools

Location
C:\Program Files (x86)\Microsoft Visual Studio\2019\Community [Change...](#)

By continuing, you agree to the [license](#) for the Visual Studio edition you selected. We also offer the ability to download other software with Visual Studio. This software is licensed separately, as set out in the [3rd Party Notices](#) or in its accompanying license. By continuing, you also agree to those licenses.

Total space required: 9.46 GB

[Install while downloading](#) [Install](#)

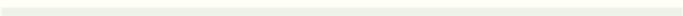
Step 6:

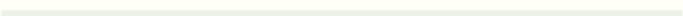
Wait for the installation process to complete

Visual Studio Installer

Installed Available

 **Visual Studio Community 2019** Pause

Downloading and verifying: 9 MB of 2.34 GB (3 MB/sec)
0% 

Installing: package 0 of 0
0% 

Verifying...

Start after installation

[Release notes](#)

Developer News

[Visual Studio 2022 Preview 2 is out!](#)
We're excited to announce the second preview re...
Friday, July 16, 2021

[Build and Debug C++ with WSL 2 Distributions and Visual Studio 2022](#)
Visual Studio 2022 introduces a native WSL 2 tool...
Friday, July 16, 2021

[Design your Web Forms apps with Web Live Preview in Visual Studio 2022](#)
In Visual Studio 2022 Preview 2, we have introduc...
Friday, July 16, 2021

[View more Microsoft developer news...](#)

Need help? Check out the [Microsoft Developer Community](#) or reach us via [Visual Studio Support](#).

Installer version 2.11.13.53049

Step 7

Installation Complete

Visual Studio Installer

Installed

Available



Visual Studio Community

16.10.4

Powerful IDE, free for students, open

[Release notes](#)

Visual Studio

Sign in to Visual Studio

- Sync settings across devices
- Collaborate in real time with LiveShare
- Integrate seamlessly with Azure Services

Sign in

No account? [Create one!](#)

[Not now, maybe later.](#)



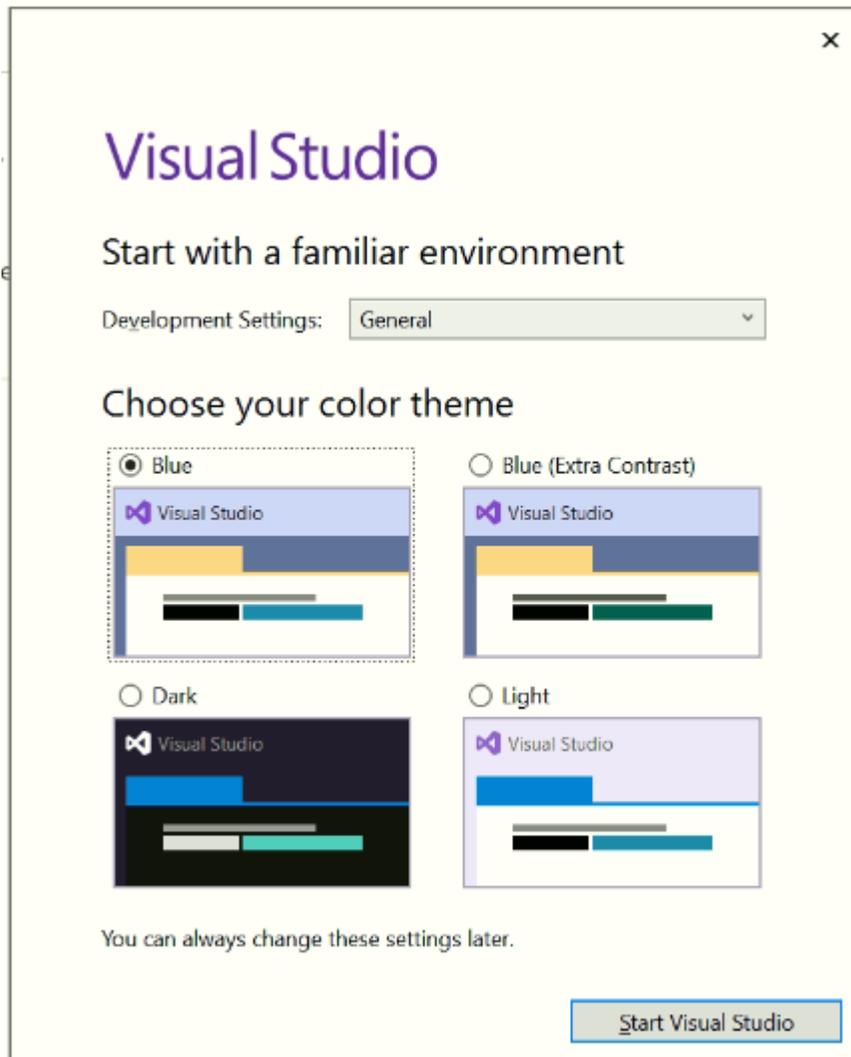
Modify

Launch

More ▾

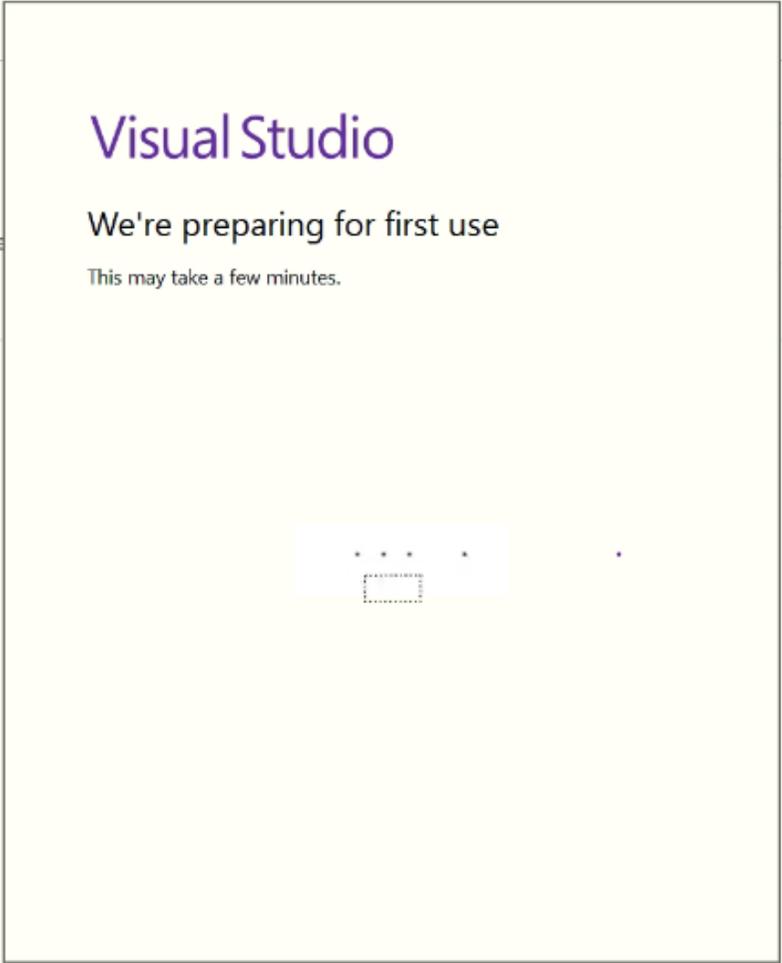
STEP 8

Select the appearance of the IDE



Step 9:

Finalizing installation



THE END