Lab 01

Objective: Installation of Unity 3D and Visual Studio

Introduction to Unity 3D:

Unity 3D is a powerful and versatile game engine that is used to create a wide variety of games, from simple 2D mobile games to complex 3D console and PC games. It is a popular choice for both indie developers and large studios due to its ease of use, extensive features, and cross-platform compatibility.

Key Features of Unity 3D:

- **Cross-platform compatibility**: Unity 3D allows developers to create games for a variety of platforms, including Windows, macOS, Linux, iOS, Android, PlayStation, Xbox, and Nintendo Switch.
- **Visual editor:** Unity 3D has a visual editor that makes it easy to create and manipulate game objects and environments.
- **Scripting**: Unity 3D supports scripting in C#, which allows developers to add custom functionality to their games.
- **Asset store:** The Unity Asset Store is a marketplace where developers can buy and sell assets, such as models, textures, and scripts.
- **Community support:** Unity 3D has a large and active community of users who are always willing to help new developers.

Benefits of Using Unity 3D

Easy to learn: Unity 3D is relatively easy to learn, even for beginners.

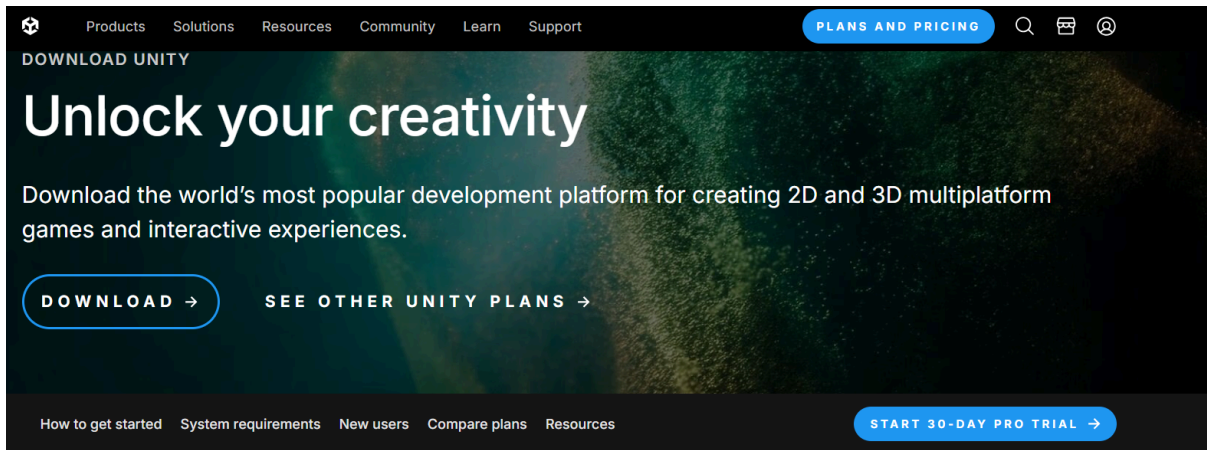Powerful features: Unity 3D has a wide range of features that can be used to create complex games.

Cross-platform compatibility: Unity 3D allows developers to create games for a variety of platforms.

Large community support: Unity 3D has a large and active community of users who can provide support and assistance.

Installation of Unity 3D

To download the software, use the link below:

www.unity.com/download which will lead you to the main page of website

Unlock your creativity

Download the world's most popular development platform for creating 2D and 3D multiplatform games and interactive experiences.

DOWNLOAD →   **SEE OTHER UNITY PLANS →**

How to get started   System requirements   New users   Compare plans   Resources

START 30-DAY PRO TRIAL →

Create with Unity in three steps

If you have windows operating system

1. Download the Unity Hub

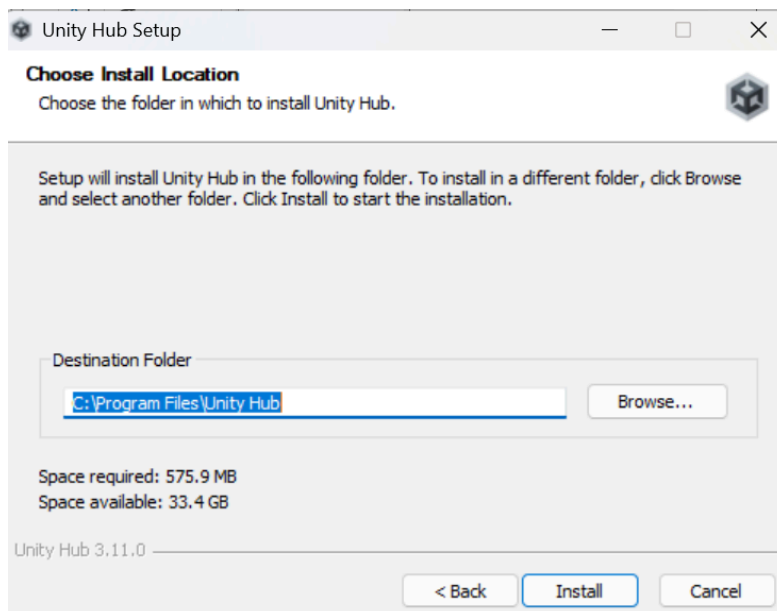Follow the instructions onscreen for guidance through the installation process and setup.

Download for Windows

The setup will start downloading, when its complete, click the setup and start installing:
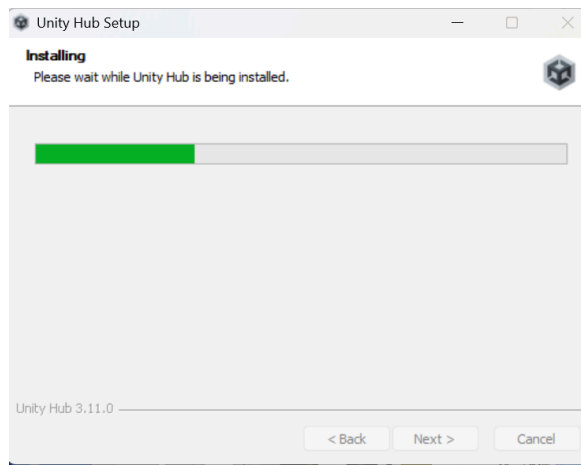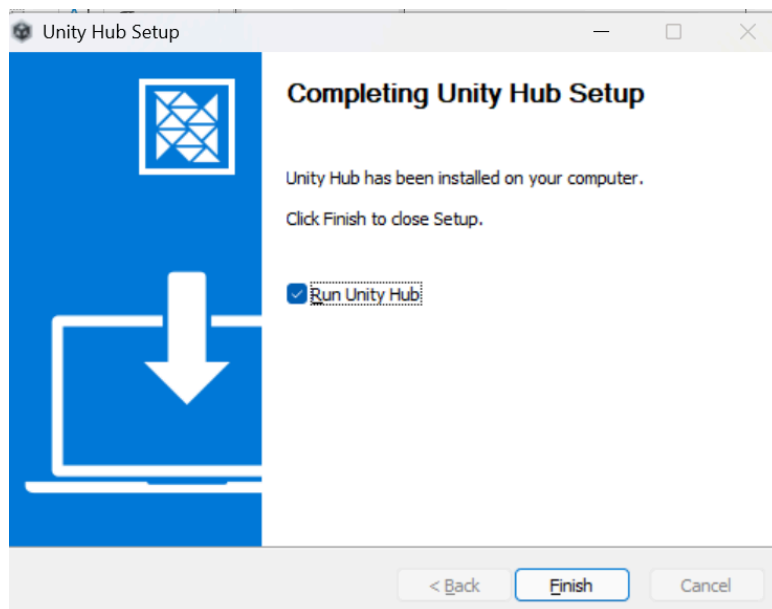
Step 1:
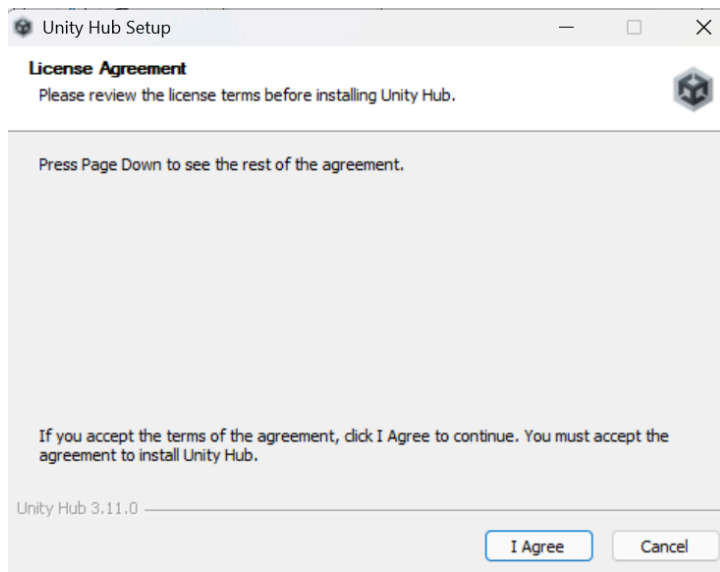
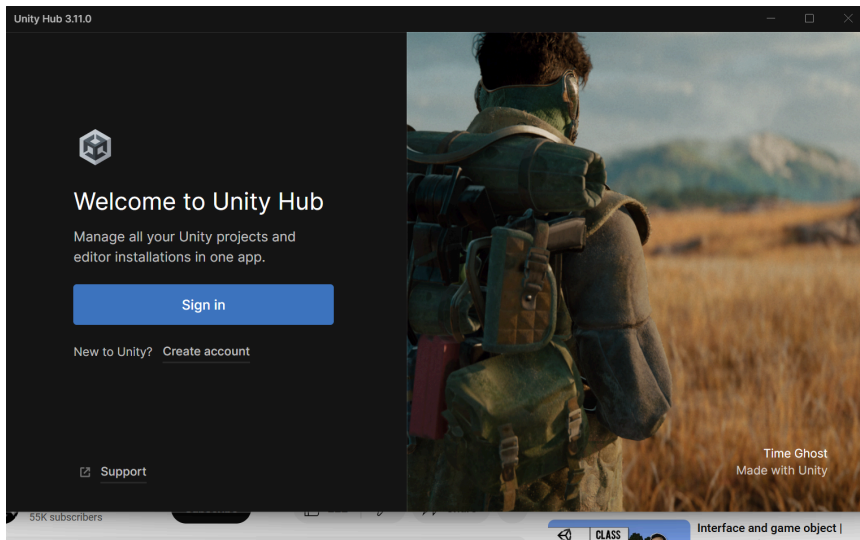Step 2: Select the location where you want to install:

Step 3: Start the installation:

Step 4: Click finish to complete installation

Step 6: Sign in

You can sign in with your google Account. After sign in you can download unity 3D editor.