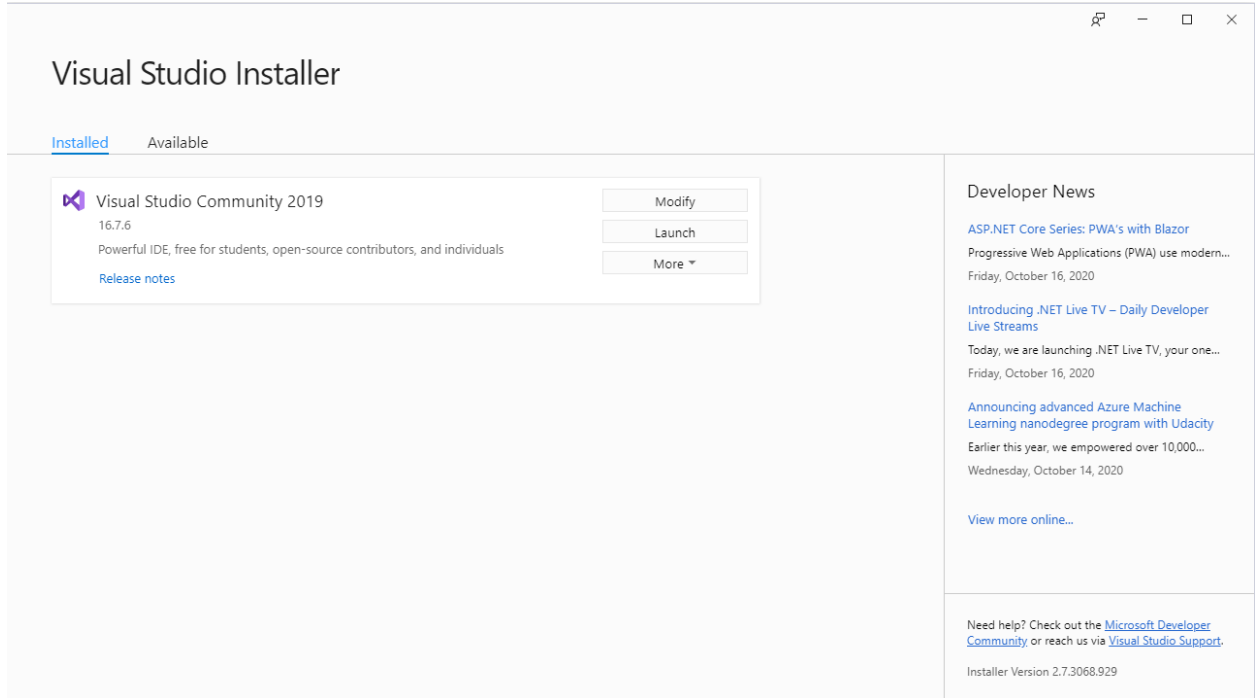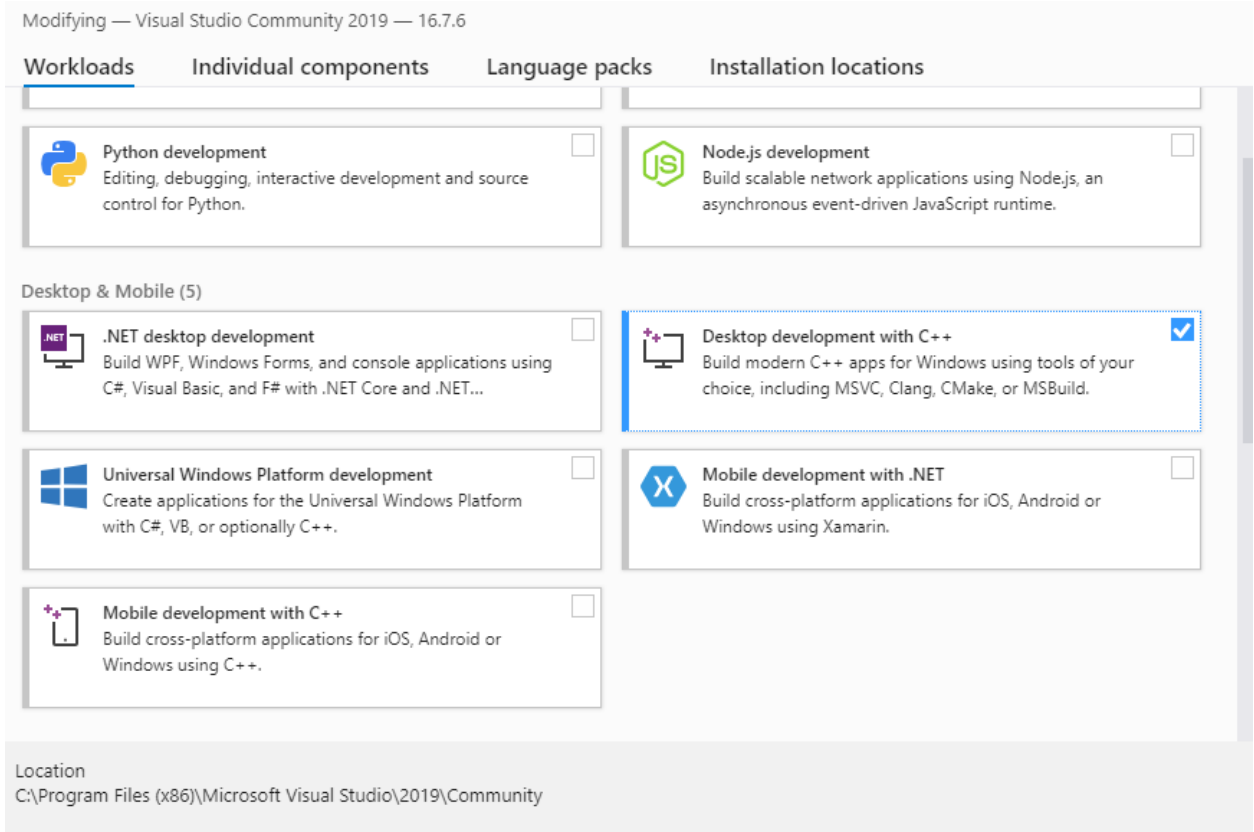Instructions on compiling the skeleton (on windows with intel)–

1. Install / update **visual studio installer, visual studio community 2019** -
   https://visualstudio.microsoft.com/downloads/
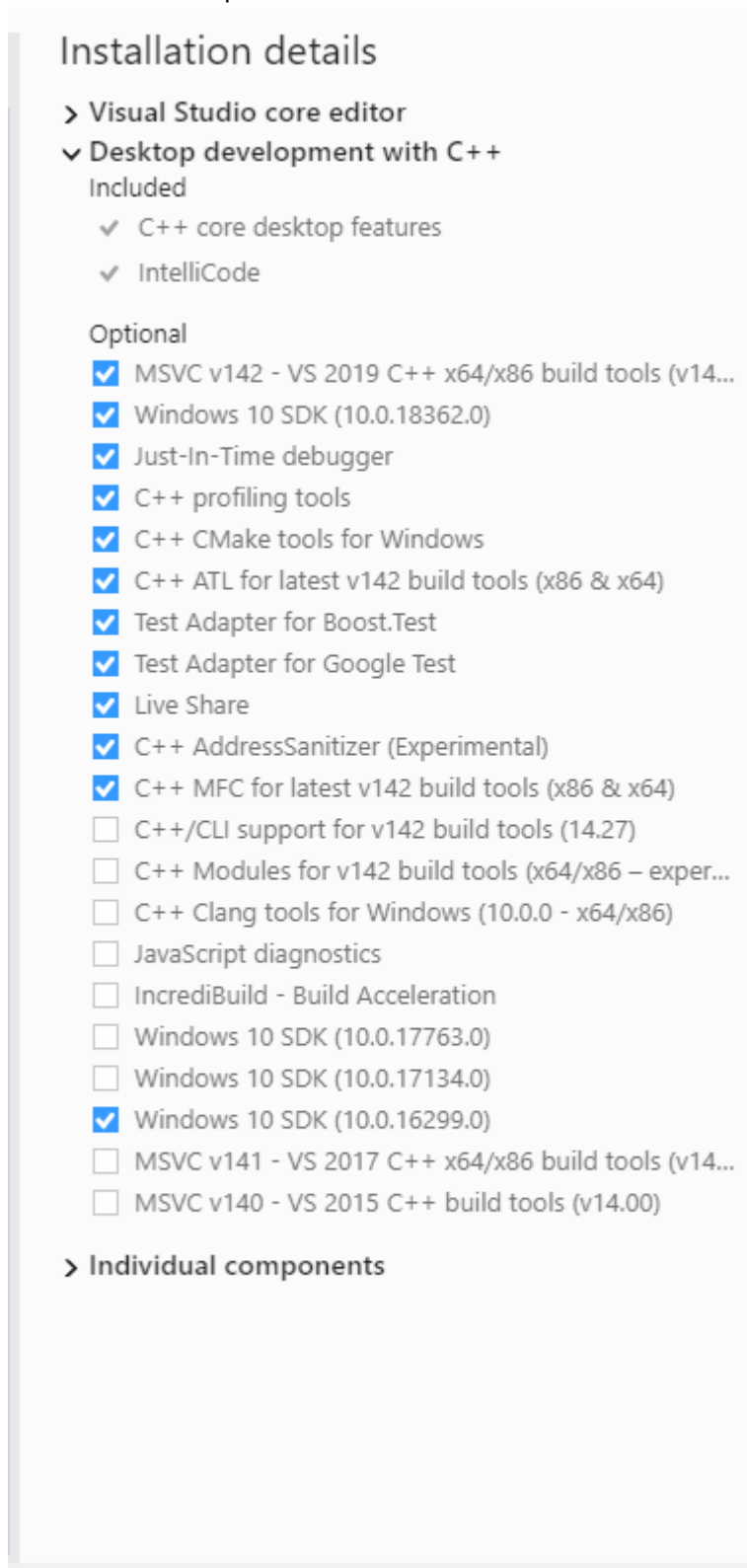2. Open **visual studio installer**



3. click "Modify"

4. select "Desktop development with c++" option:

Modifying — Visual Studio Community 2019 — 16.7.6

Workloads    Individual components    Language packs    Installation locations

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.

Desktop & Mobile (5)

.NET desktop development
Build WPF, Windows Forms, and console applications using C#, Visual Basic, and F# with .NET Core and .NET...

Desktop development with C++
Build modern C++ apps for Windows using tools of your choice, including MSVC, Clang, CMake, or MSBuild.

Universal Windows Platform development
Create applications for the Universal Windows Platform with C#, VB, or optionally C++.

Mobile development with .NET
Build cross-platform applications for iOS, Android or Windows using Xamarin.

Mobile development with C++
Build cross-platform applications for iOS, Android or Windows using C++.

Location
C:\Program Files (x86)\Microsoft Visual Studio\2019\Community

5. make sure those options are selected:

## Installation details

> Visual Studio core editor

∨ Desktop development with C++
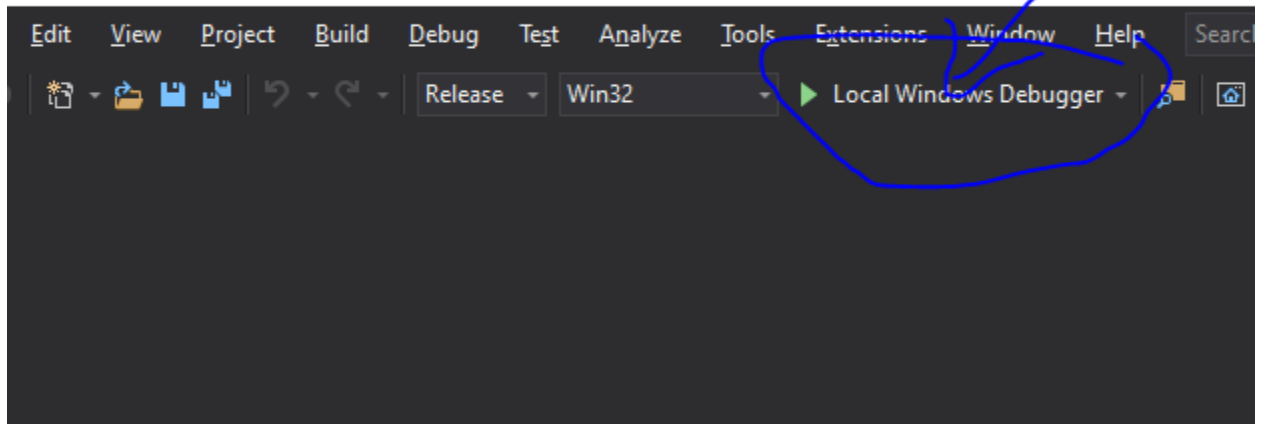
Included

✓ C++ core desktop features

✓ IntelliCode

Optional

☑ MSVC v142 - VS 2019 C++ x64/x86 build tools (v14...

☑ Windows 10 SDK (10.0.18362.0)

☑ Just-In-Time debugger

☑ C++ profiling tools

☑ C++ CMake tools for Windows

☑ C++ ATL for latest v142 build tools (x86 & x64)

☑ Test Adapter for Boost.Test

☑ Test Adapter for Google Test

☑ Live Share

☑ C++ AddressSanitizer (Experimental)

☑ C++ MFC for latest v142 build tools (x86 & x64)

☐ C++/CLI support for v142 build tools (14.27)

☐ C++ Modules for v142 build tools (x64/x86 – exper...

☐ C++ Clang tools for Windows (10.0.0 - x64/x86)

☐ JavaScript diagnostics

☐ IncrediBuild - Build Acceleration

☐ Windows 10 SDK (10.0.17763.0)

☐ Windows 10 SDK (10.0.17134.0)

☑ Windows 10 SDK (10.0.16299.0)

☐ MSVC v141 - VS 2017 C++ x64/x86 build tools (v14...

☐ MSVC v140 - VS 2015 C++ build tools (v14.00)

> Individual components

might be a little different for you, what is important is **windows 10 sdk (10.10.16299.0), MSVC v142, C++ MFC, c++ ATL**

6. click "Modify" and wait or installation to finish
7. download the 2019 skeleton from website, and unzip it.
8. Open the .sln file with visual studio 2019
9. Press:



10. A white window should appear