Data Structures Fall 2023
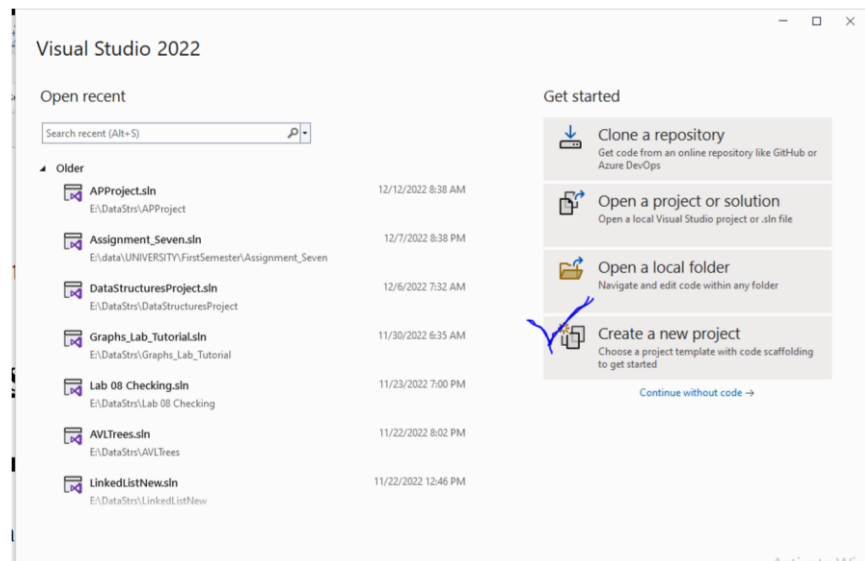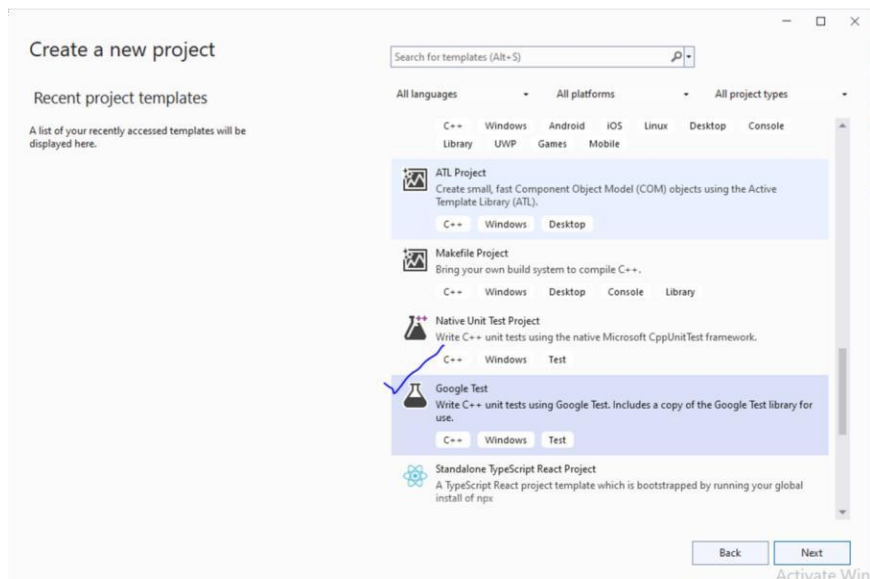
Introduction to Unit Testing

Follow the following steps to create google test, that will be used to check your code.
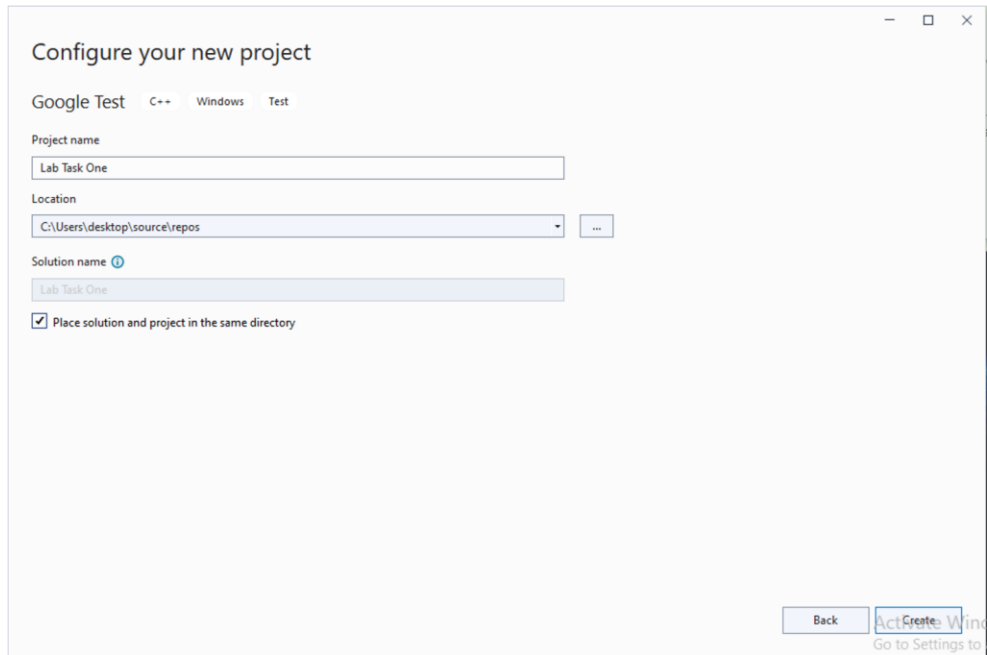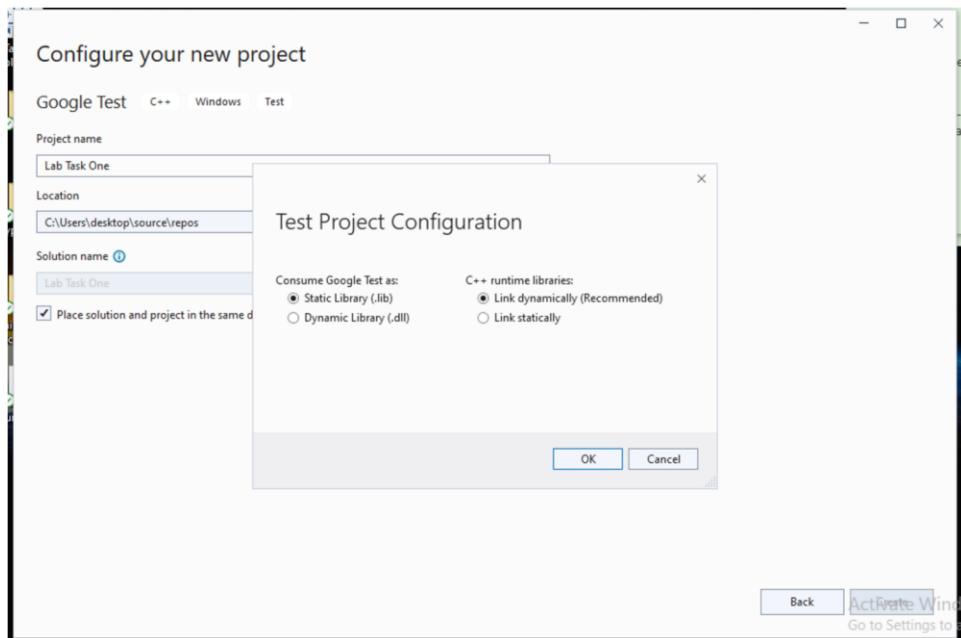
Step 1: Make a visual studio project

Step 2:

Step 3:

Step 4:

This is how your file will look like

File   Edit   View   Git   Project   Build   Debug   Test   Analyze   Tools   Extensions   Window   Help   Search (Ctrl+Q)   Lab Task One

Debug   ▾   x64   ▾   ▶ Local Windows Debugger ▾   Live Share

ou can improve 'Startup' performance by auto hiding or collapsing 'Git Changes' window.   Manage performance   Don't show this message again

Lab Task One   ▾   (Global Scope)   ▾

```cpp
1    #include "pch.h"
2
3    TEST(TestCaseName, TestName) {
4        EXPECT_EQ(1, 1);
5        EXPECT_TRUE(true);
6    }
```

Solution Explorer

Search Solution Explorer (Ctrl+;)

Solution 'Lab Task One' (1 of 1 project)
  Lab Task One
    ▷ References
    ▷ External Dependencies
       packages.config
       pch.cpp
       pch.h
    ▷ test.cpp