

# **Qt Install Guide**

## **17.11.16**

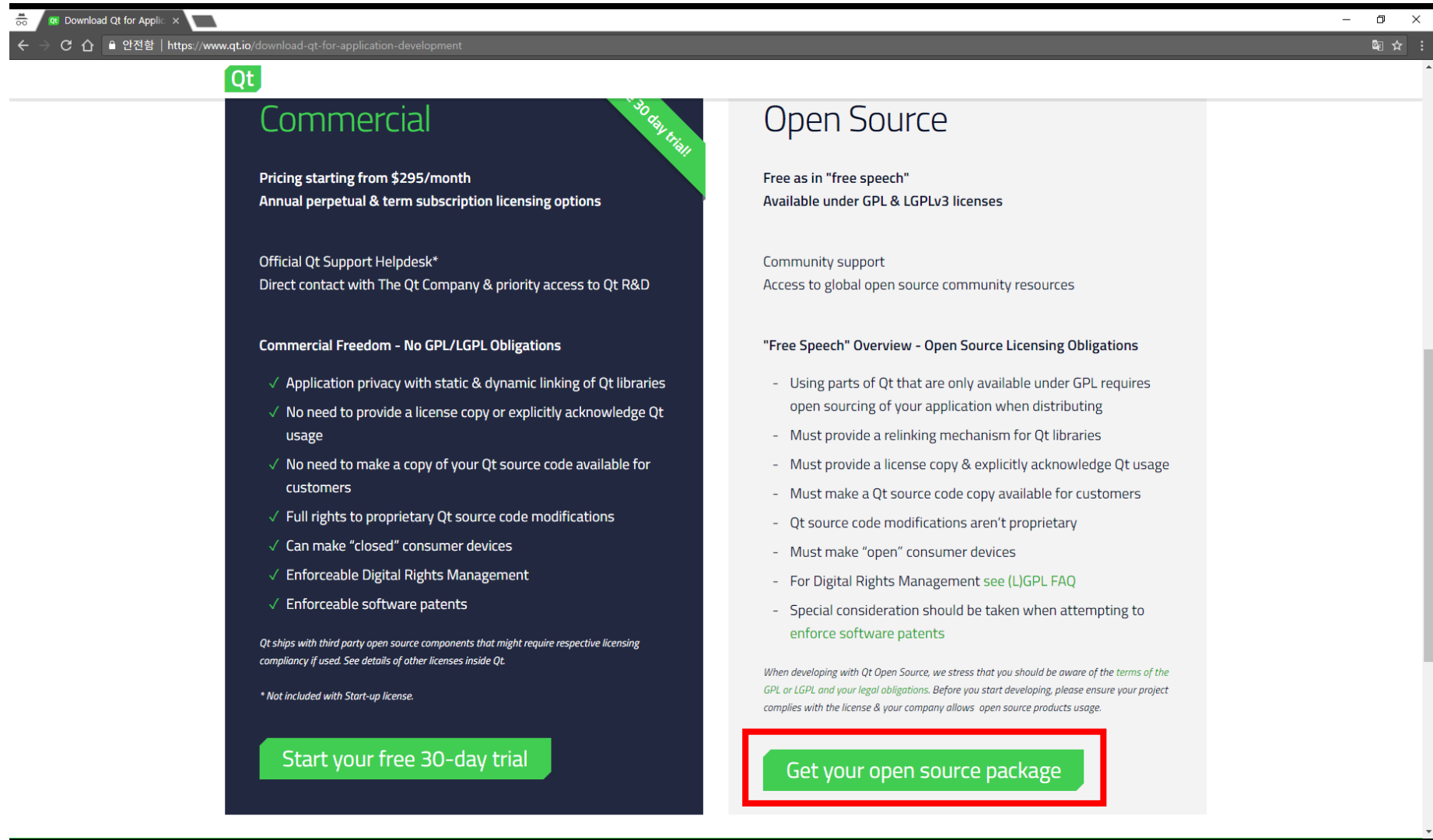
## 0. 시작하기전

- 이번 Install 관련 문서와 Qt 실습에서는 Qt 5.9.2와 Qt creator 4.4.1을 사용할 예정입니다.
- 설치 과정의 확인을 위해 제 개인 컴퓨터 외에 추가로 두 개의 컴퓨터에서 설치를 진행해봤지만, 혹시 그대로 따라했는데 문제가 발생하면 저에게 알려주세요.

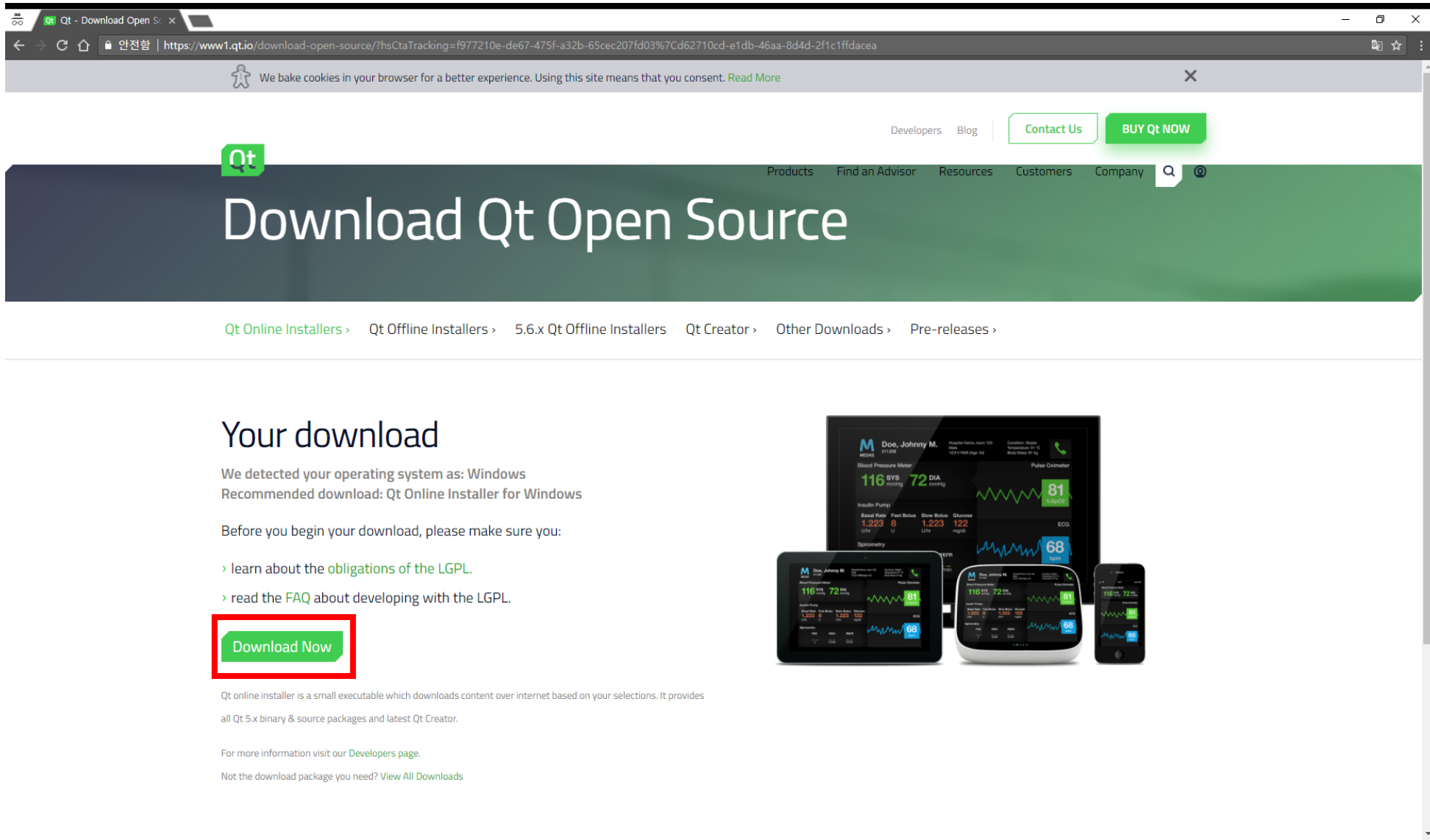
([kardy04@postech.ac.kr](mailto:kardy04@postech.ac.kr))

1. 아래 링크에 접속한 후, Qt 다운로드를 위해 “Get your open source package”를 눌러주세요.

<https://www.qt.io/download-qt-for-application-development>



## 2. Download Now 버튼을 눌러주세요. Qt Online installer가 다운로드 됩니다. 다운 받은 파일을 실행해주세요.



Qt - Download Open Source

https://www1.qt.io/download-open-source/?hsCtaTracking=f977210e-de67-475f-a32b-65cec207fd03%7Cd62710cd-e1db-46aa-8d4d-2f1c1ffdacea

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## Your download

We detected your operating system as: Windows  
Recommended download: Qt Online Installer for Windows

Before you begin your download, please make sure you:

- [learn about the obligations of the LGPL.](#)
- [read the FAQ about developing with the LGPL.](#)

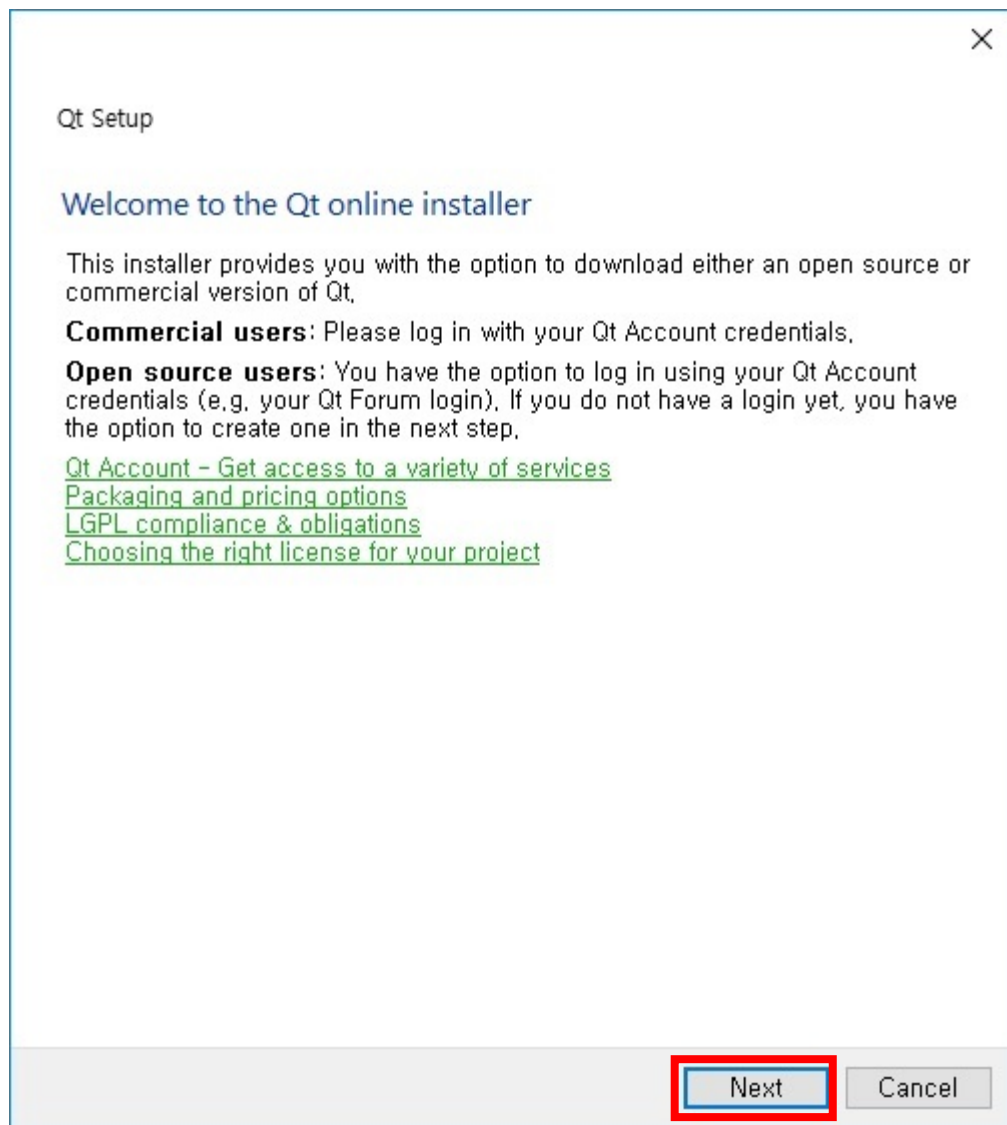
[Download Now](#)

Qt online installer is a small executable which downloads content over internet based on your selections. It provides all Qt 5.x binary & source packages and latest Qt Creator.

For more information visit our [Developers page](#).

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### 3. Online installer를 실행하면 아래와 같은 화면이 나옵니다. Next를 눌러주시고, 계정 정보는 skip해도 무관합니다.



Qt Setup

Welcome to the Qt online installer

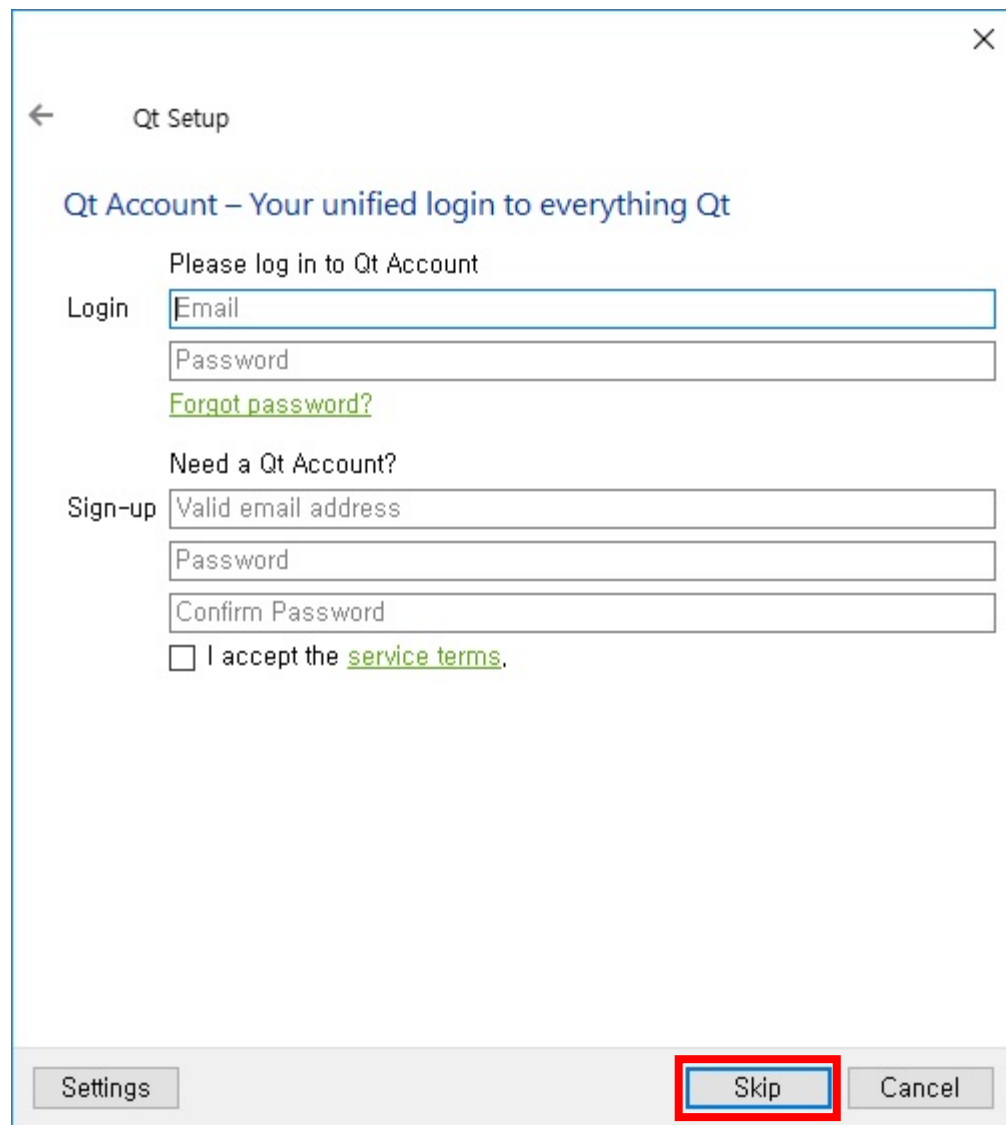
This installer provides you with the option to download either an open source or commercial version of Qt.

**Commercial users:** Please log in with your Qt Account credentials.

**Open source users:** You have the option to log in using your Qt Account credentials (e.g. your Qt Forum login). If you do not have a login yet, you have the option to create one in the next step.

[Qt Account - Get access to a variety of services](#)  
[Packaging and pricing options](#)  
[LGPL compliance & obligations](#)  
[Choosing the right license for your project](#)

Next Cancel



Qt Setup

Qt Account - Your unified login to everything Qt

Please log in to Qt Account

Login Email Password [Forgot password?](#)

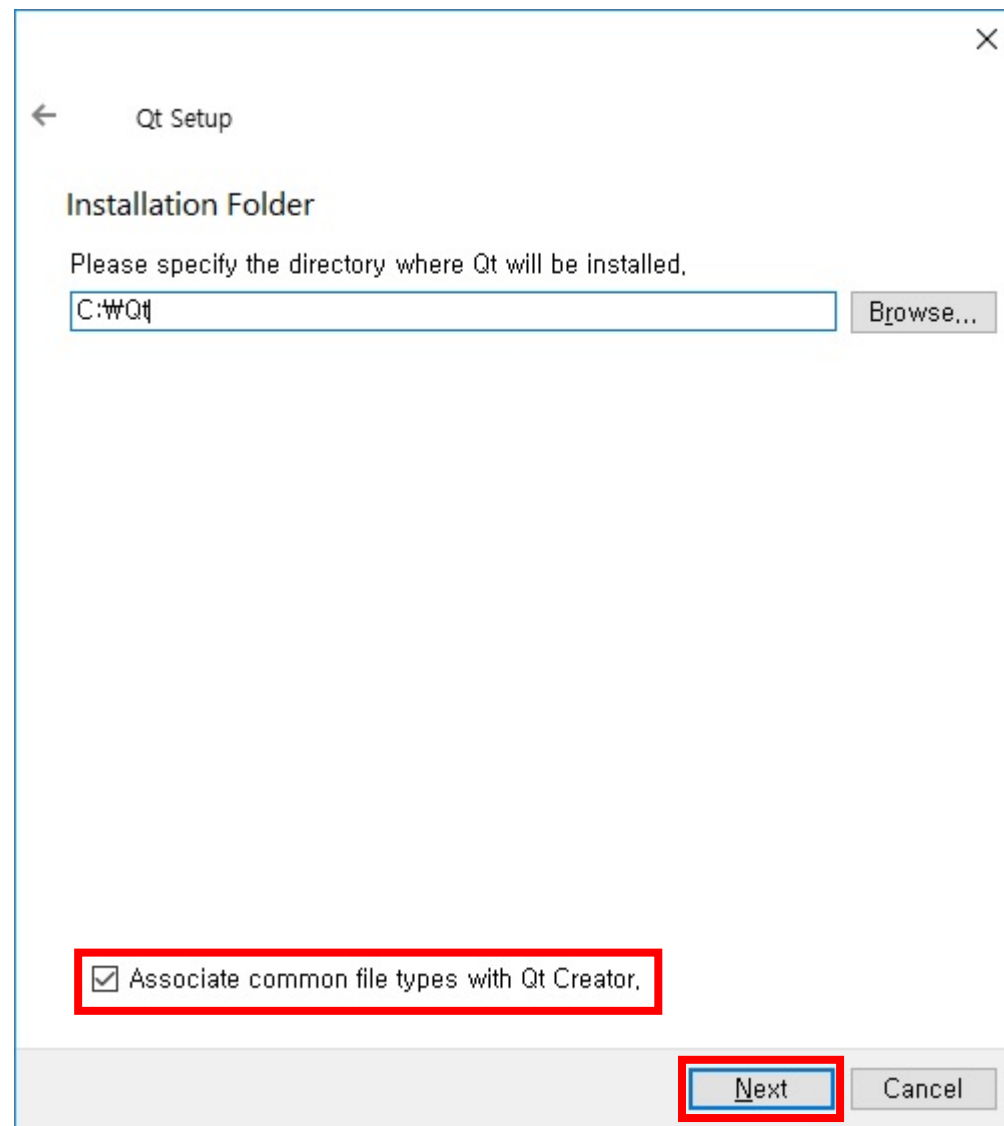
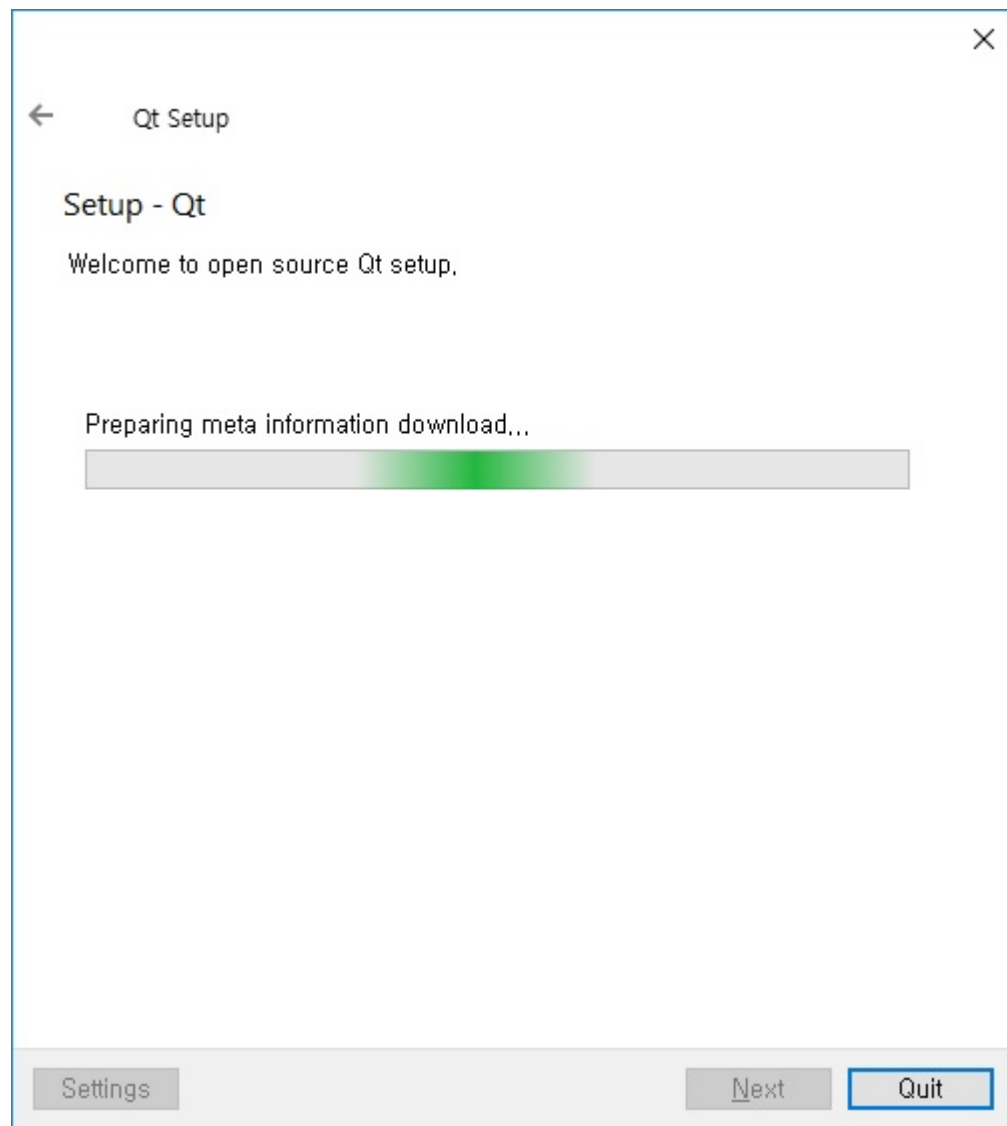
Need a Qt Account?

Sign-up Valid email address Password Confirm Password

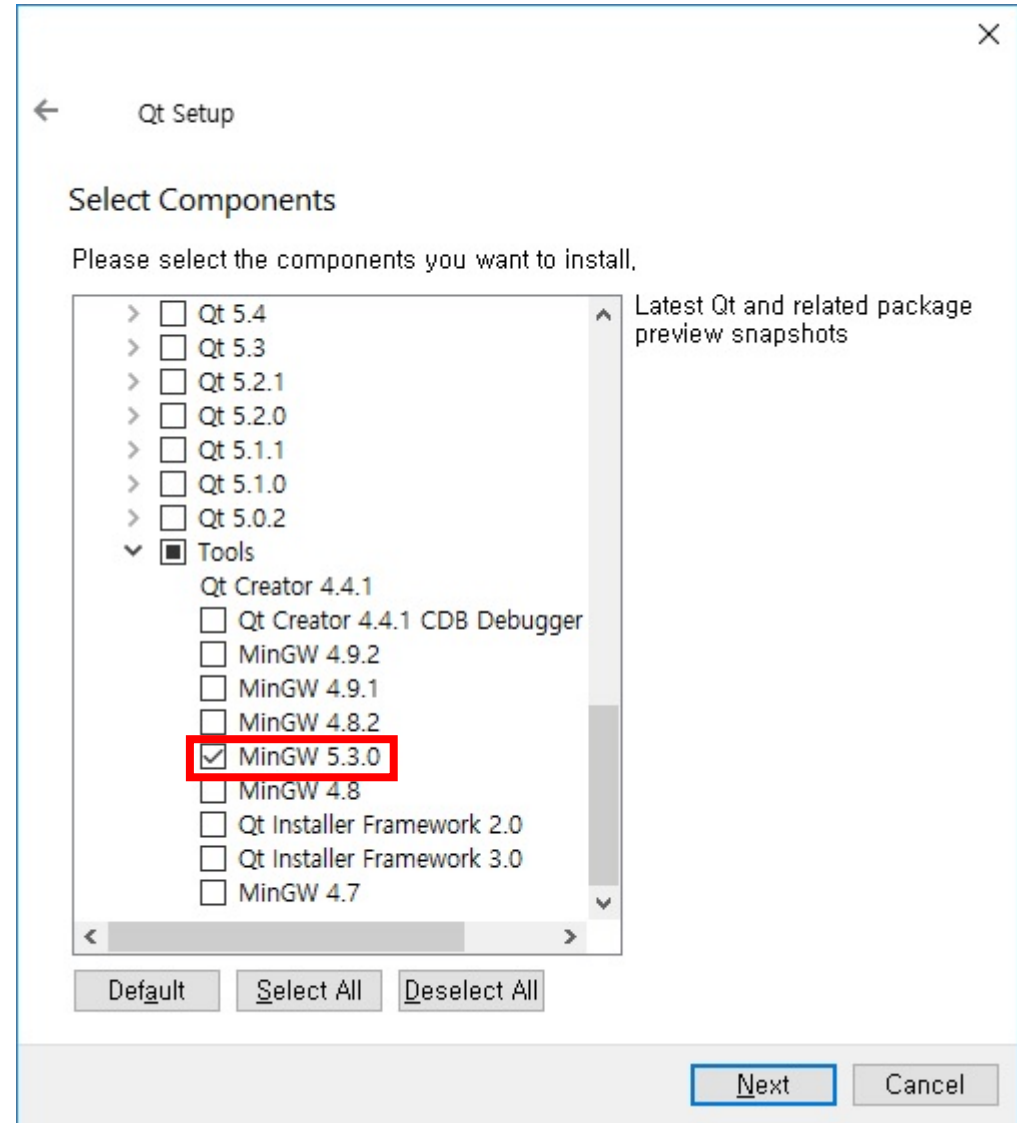
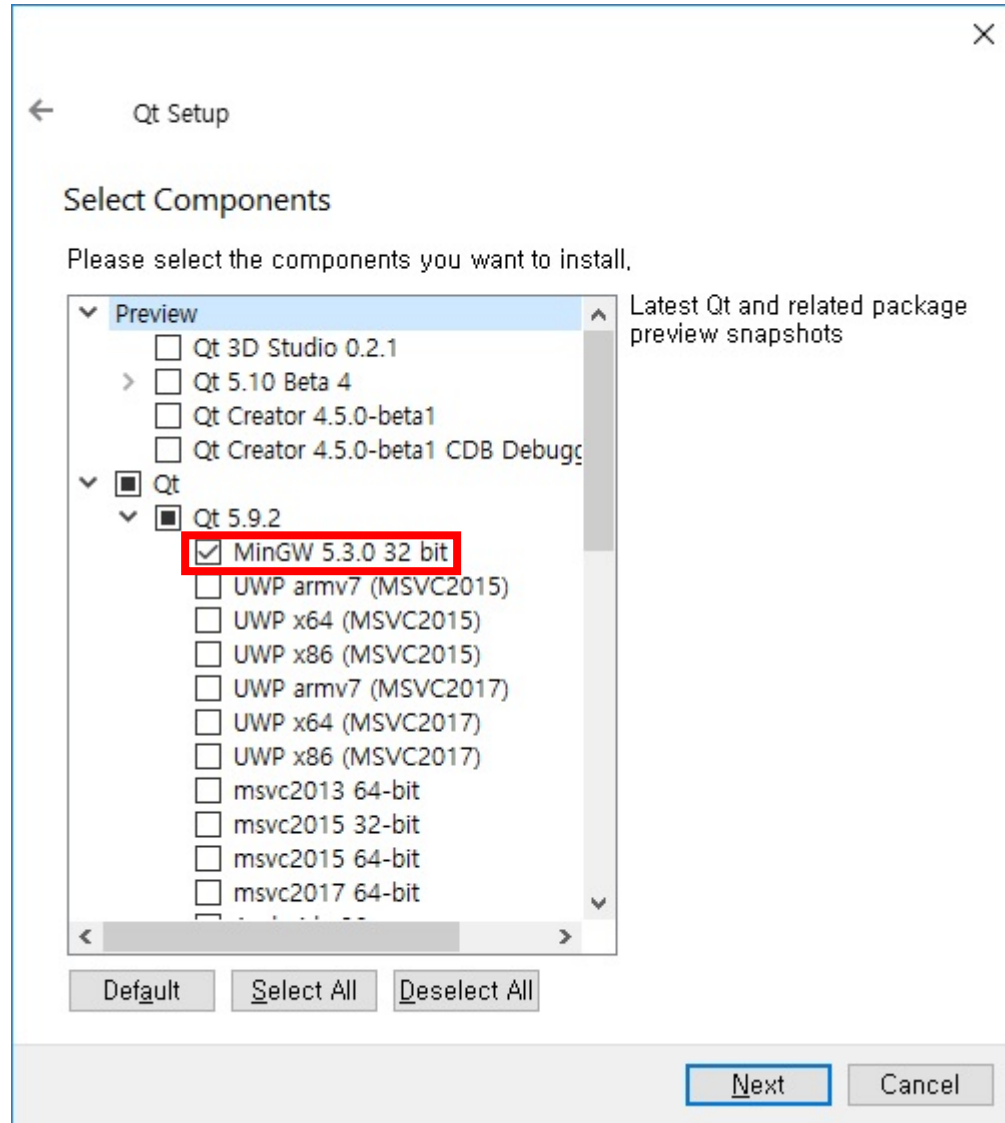
☐ I accept the [service terms](#).

Settings Skip Cancel

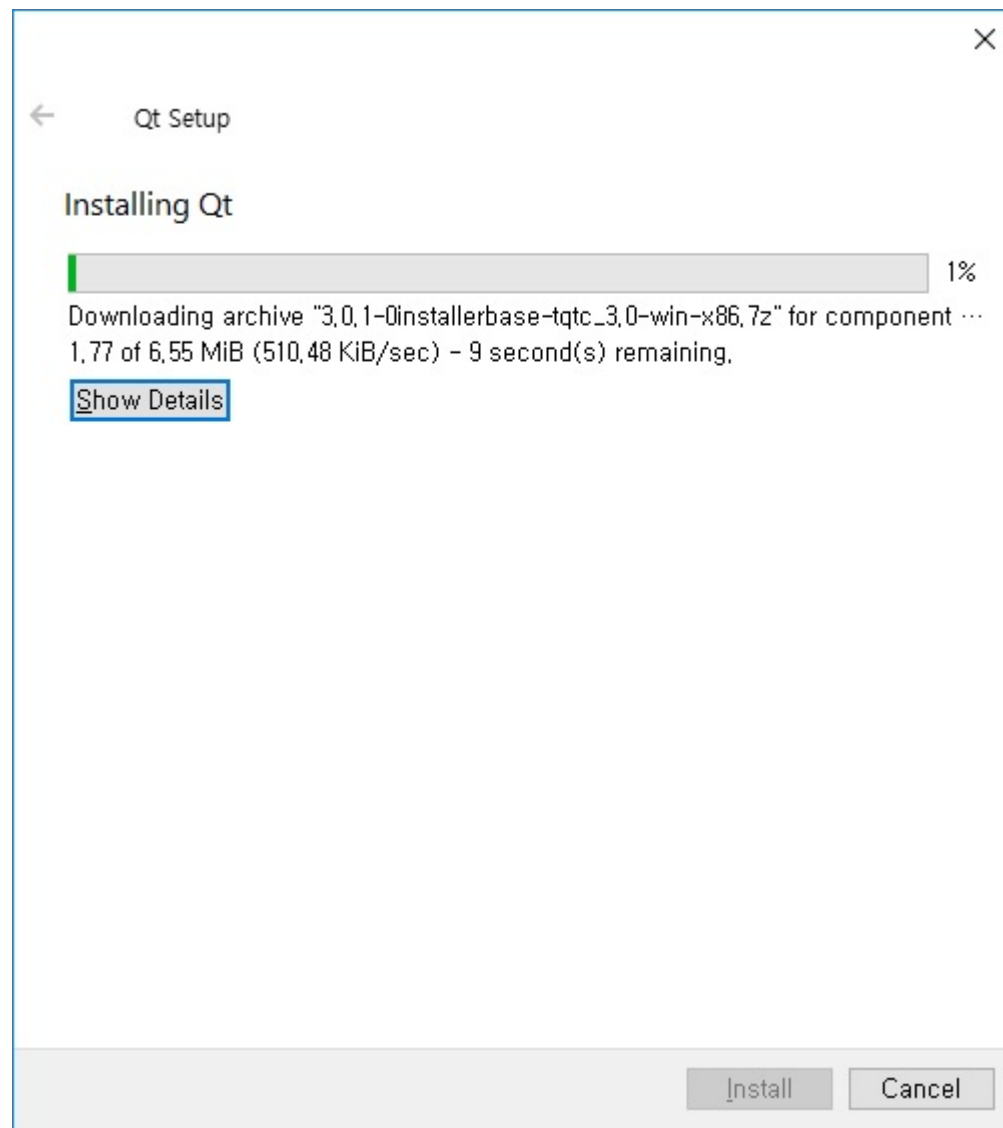
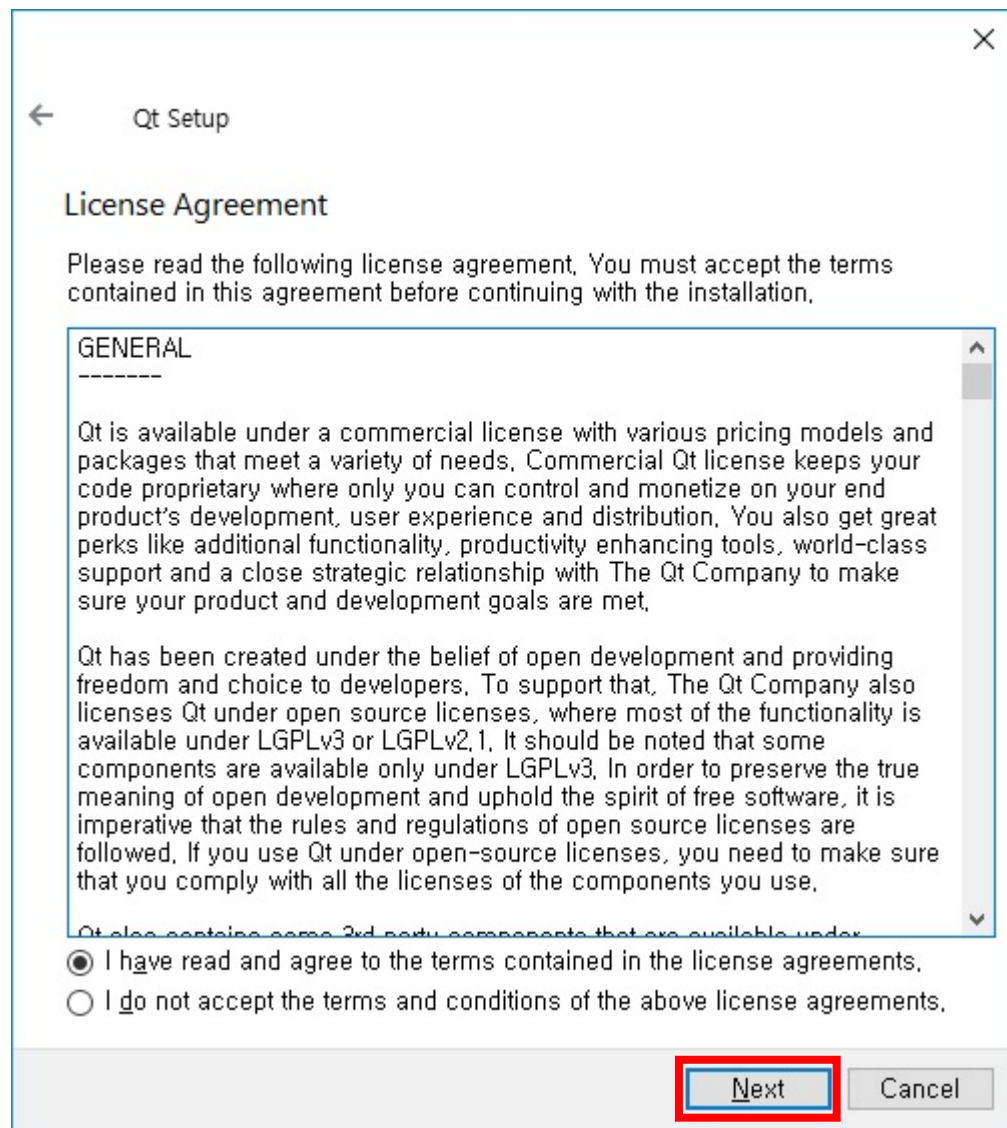
4. 왼쪽 아래와 같은 화면이 뜨면 다운로드를 위한 준비를 합니다. 잠시 기다려 주세요. 시간이 지나 오른쪽 아래와 같은 화면으로 넘어가면 설치할 폴더를 설정하고 체크 박스를 체크한 후 Next를 눌러주세요.



5. 아래 그림과 같이 Qt 5.9.2 → MinGW 5.3.0 32 bit, Tools → Qt creator 4.4.1 → MinGW 5.3.0 을 선택하고 Next를 눌러주세요.

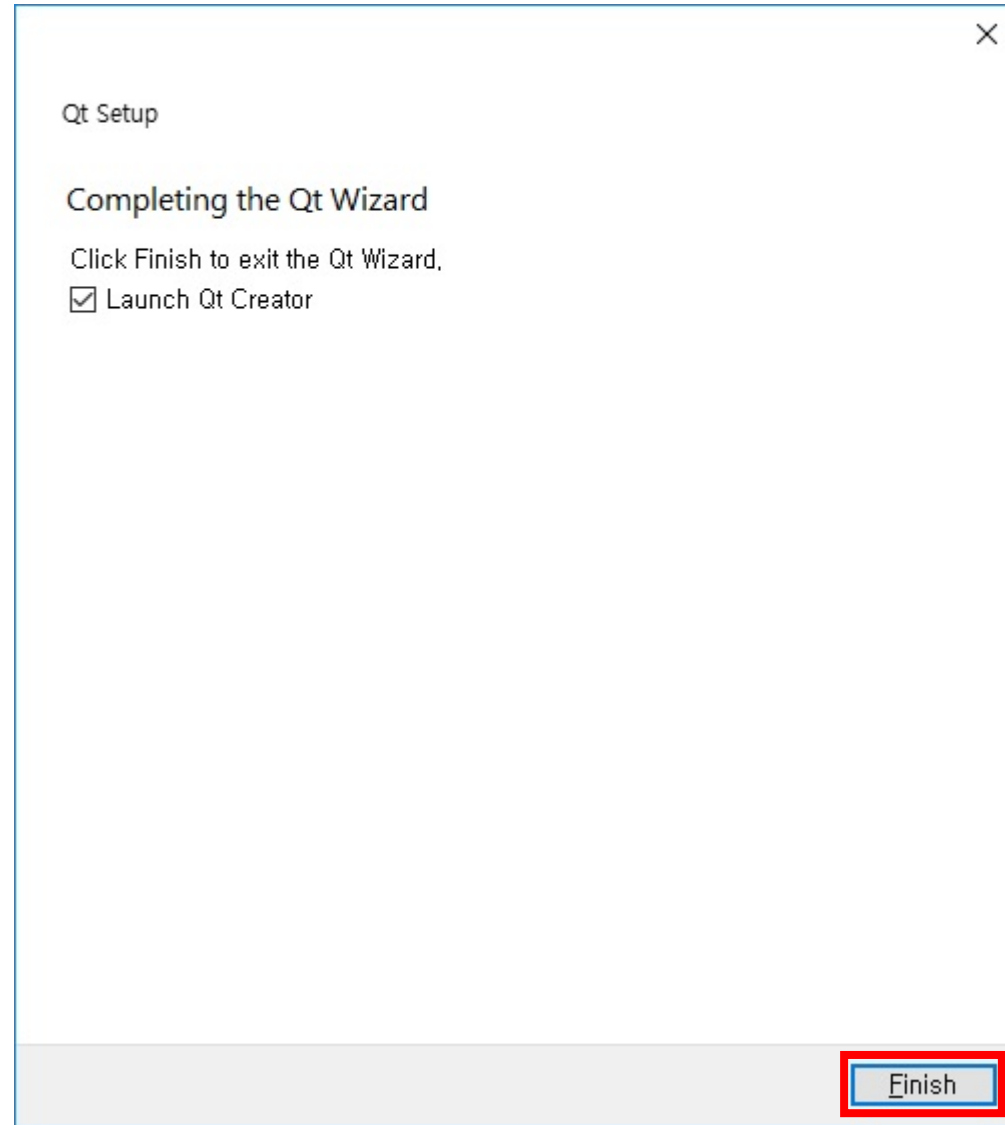


## 6. License에 대해 동의하시면 Qt 설치가 진행됩니다.

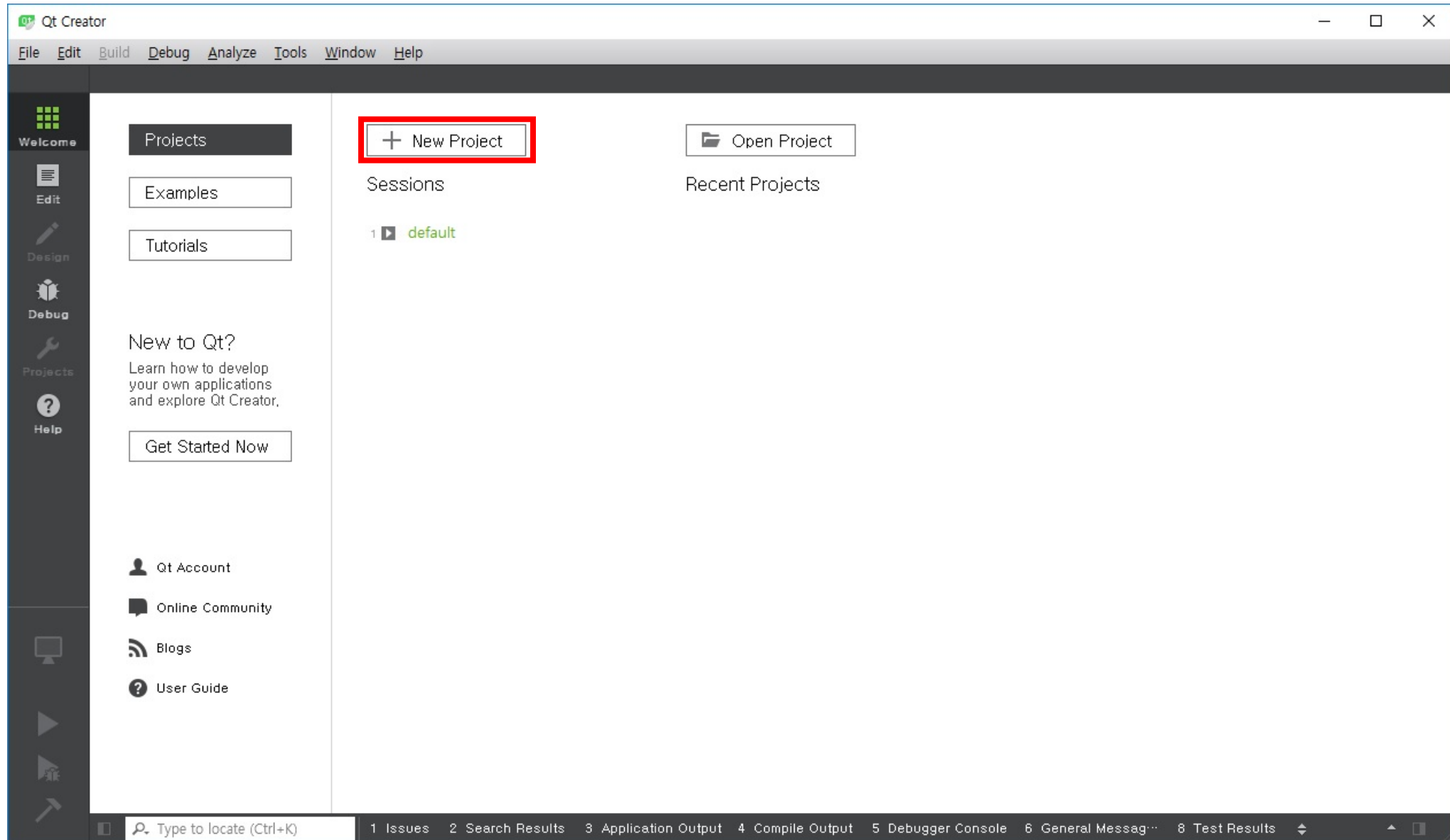




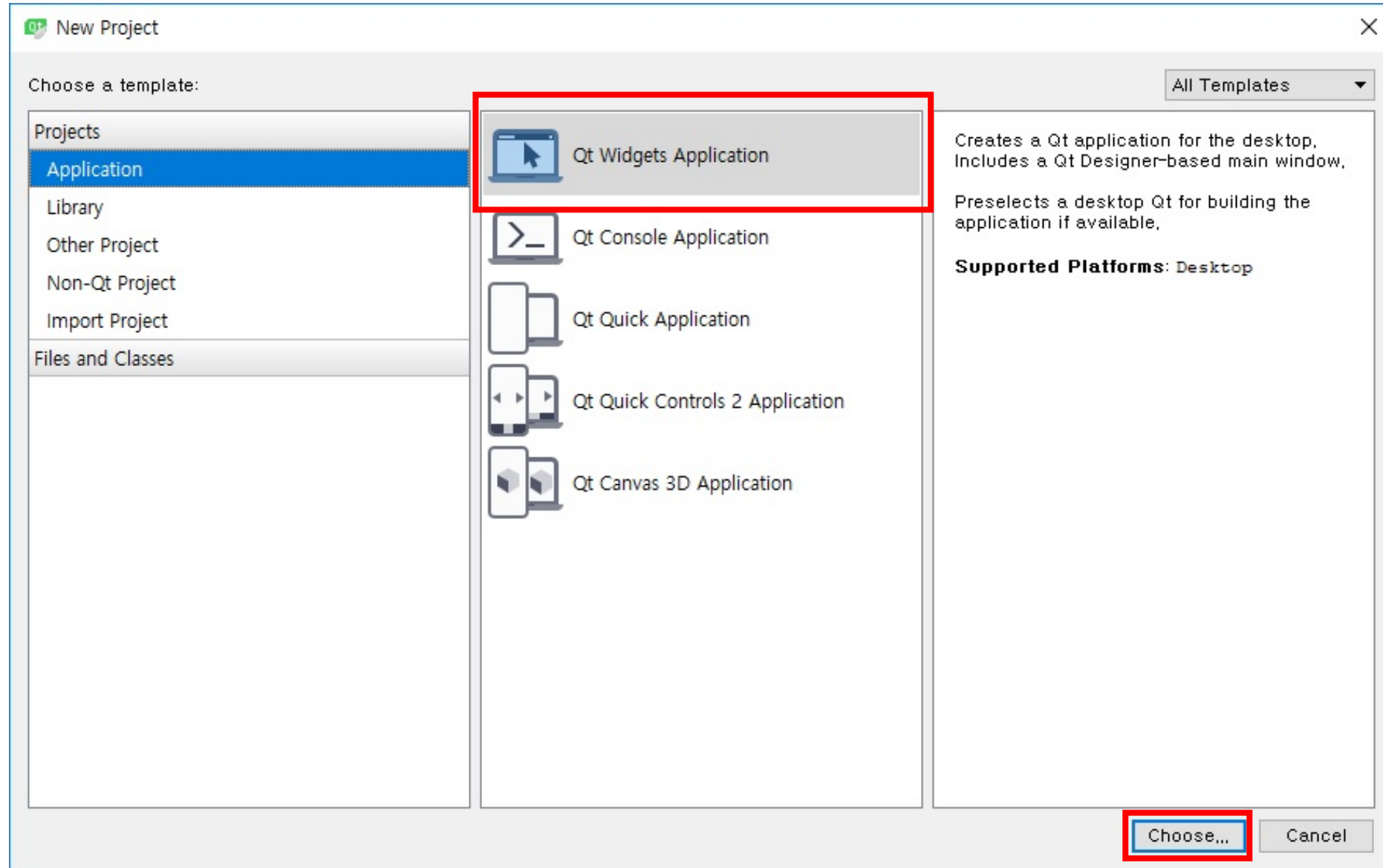
## 7. 설치가 끝나면 Finish 버튼을 눌러주시고, Qt Creator를 실행해주세요.



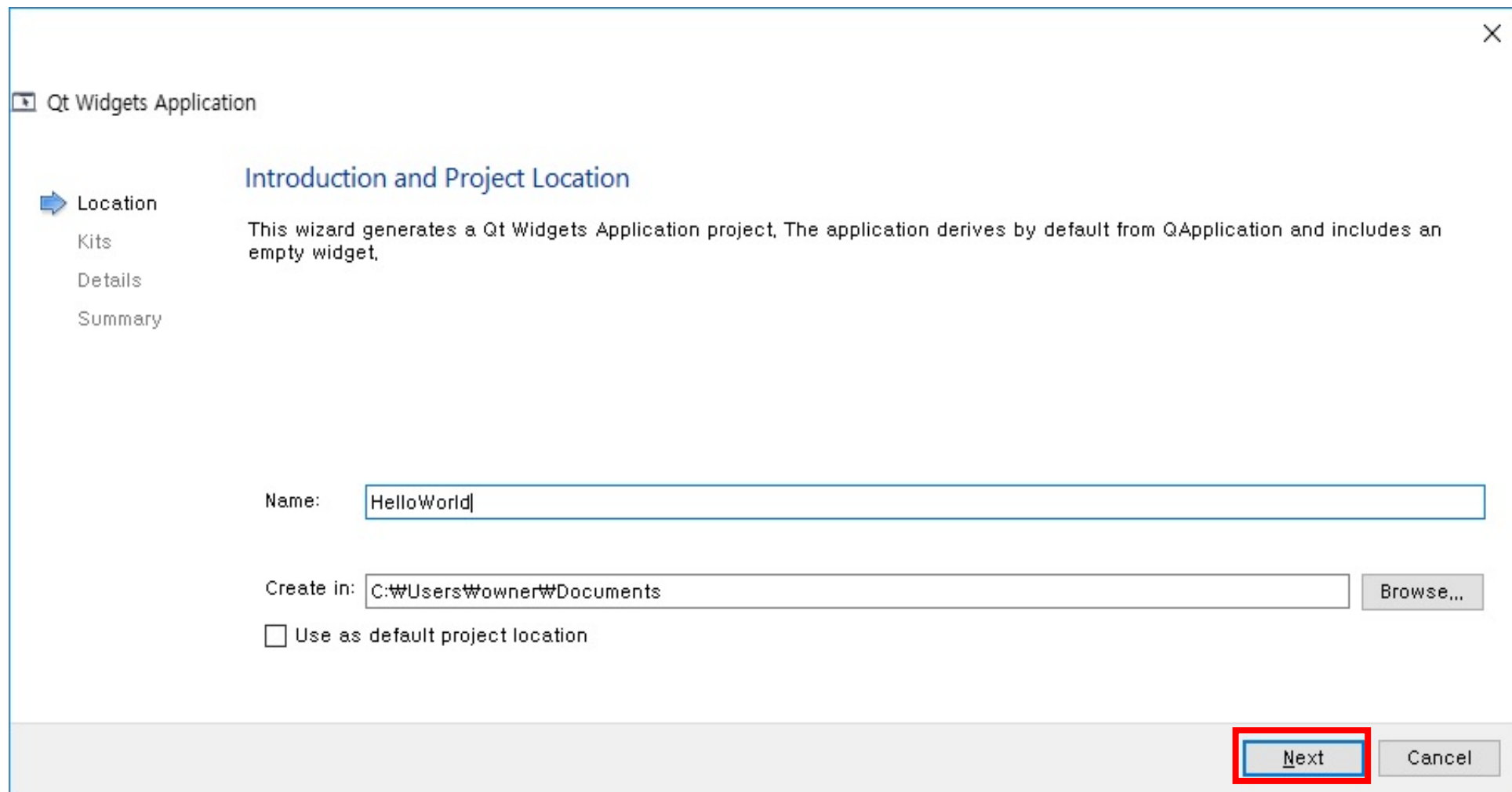
8. Qt Creator를 실행한 후, 테스트를 위해 프로젝트를 하나 만들어 봅시다. New Project 버튼을 눌러주세요.



## 9. Qt Widgets Application을 선택해 주세요



## 10. 프로젝트 이름을 설정하고 Next를 눌러주세요.



Qt Widgets Application

Location  
Kits  
Details  
Summary

### Introduction and Project Location

This wizard generates a Qt Widgets Application project. The application derives by default from QApplication and includes an empty widget.

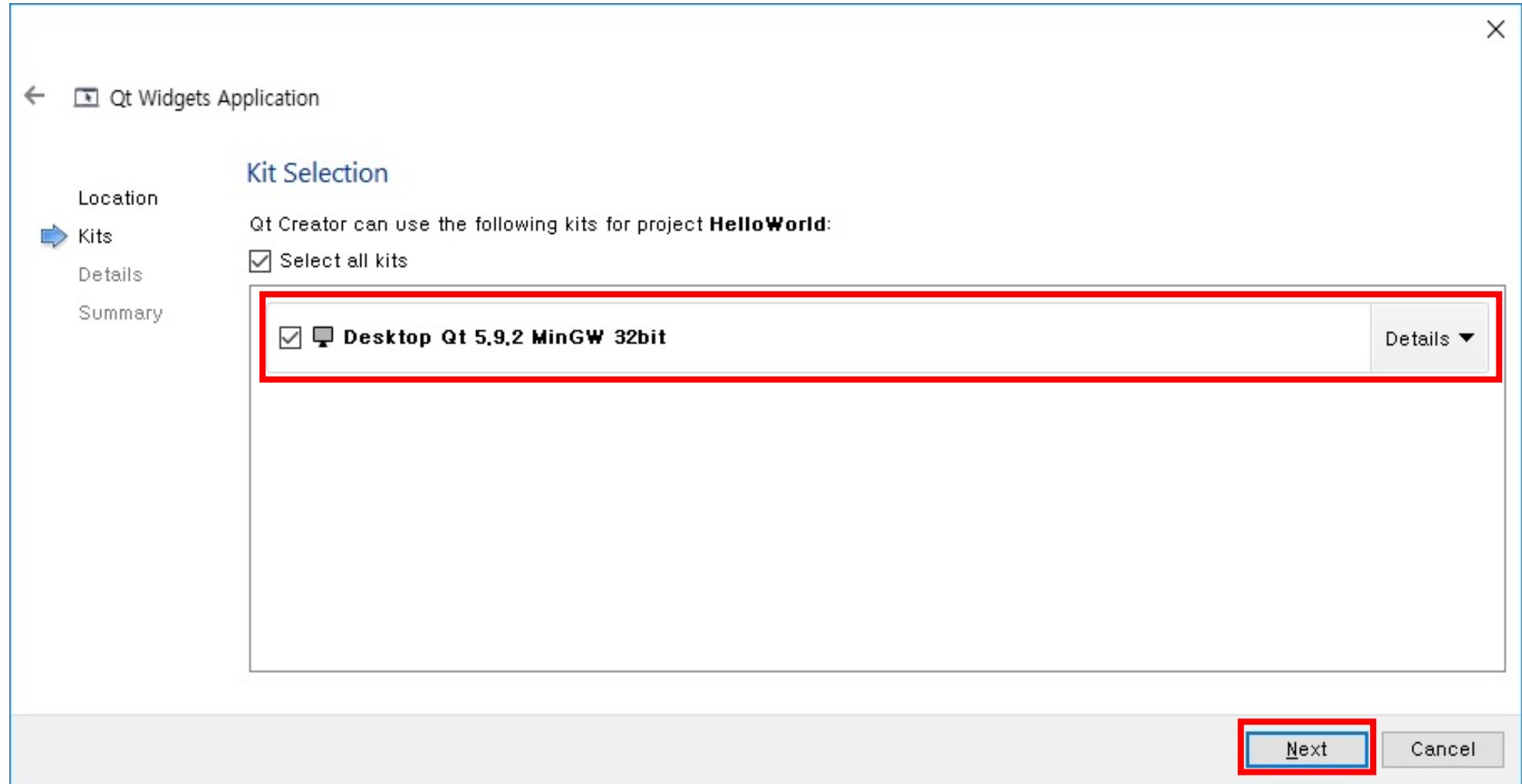
Name: HelloWorld

Create in: C:\Users\owner\Documents Browse...

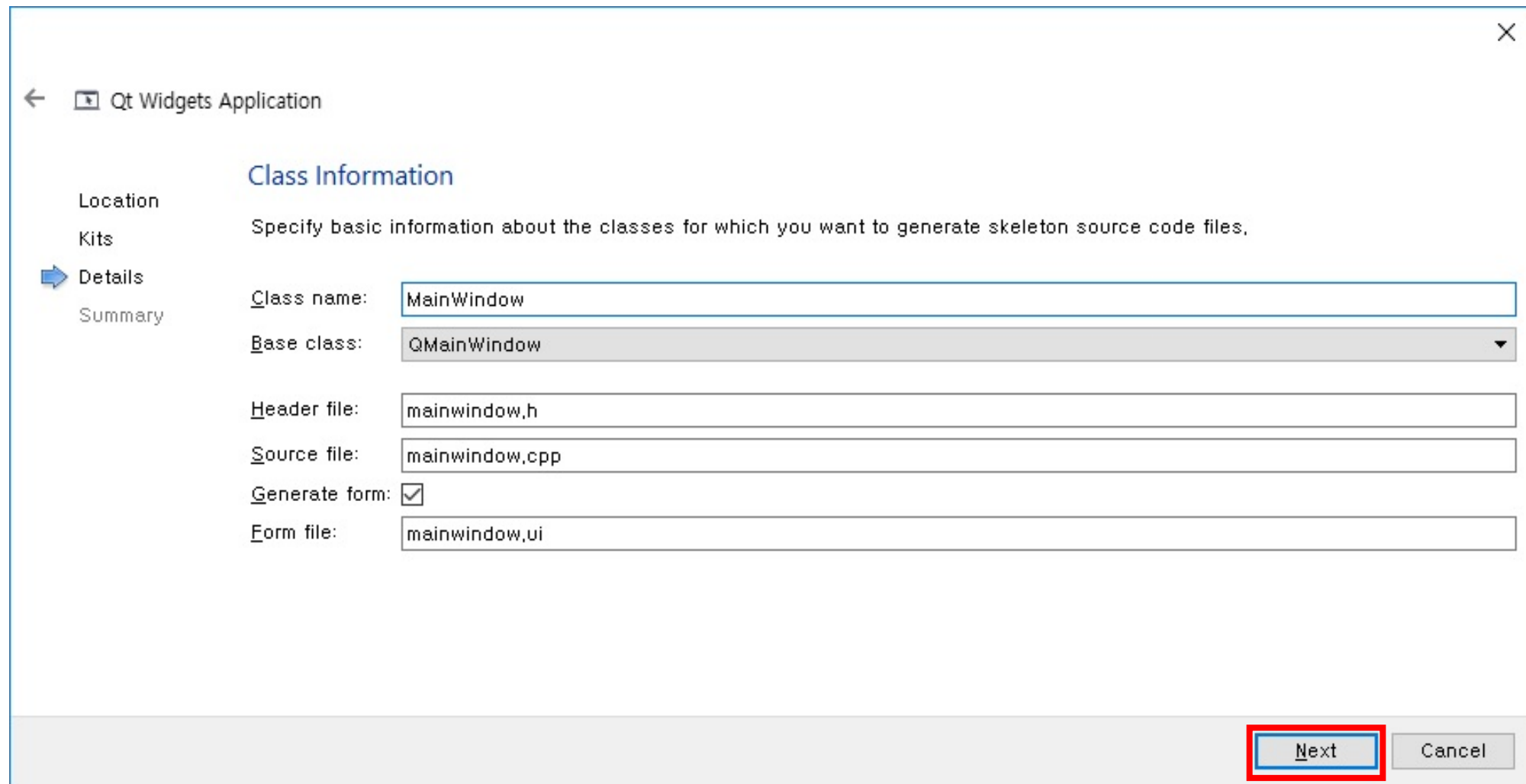
☐ Use as default project location

Next Cancel

11. Qt 5.9.2 MinGW 32bit Kit을 선택하고 다음을 진행해주세요.  
(만약 Kit에 아무 목록도 뜨지 않는다면, 이전 과정에서 설치하지 않은 파일이 있는지 확인해주세요)



## 12. 첫 화면의 class 명을 설정해 주시고 Next를 눌러주세요.



Qt Widgets Application

Location  
Kits  
Details  
Summary

### Class Information

Specify basic information about the classes for which you want to generate skeleton source code files.

Class name: MainWindow

Base class: QMainWindow

Hheader file: mainwindow.h

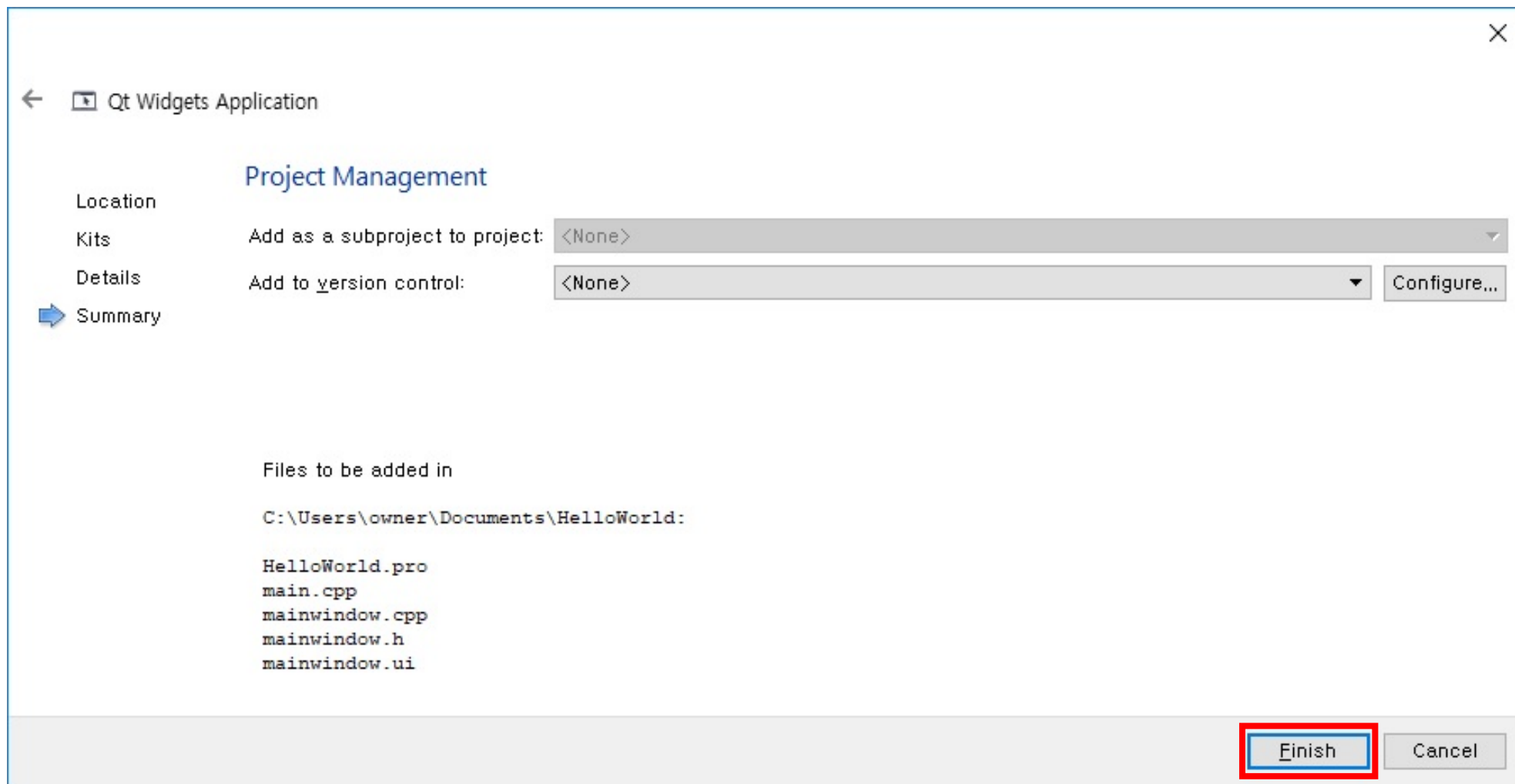
Source file: mainwindow.cpp

Generate form: ☒

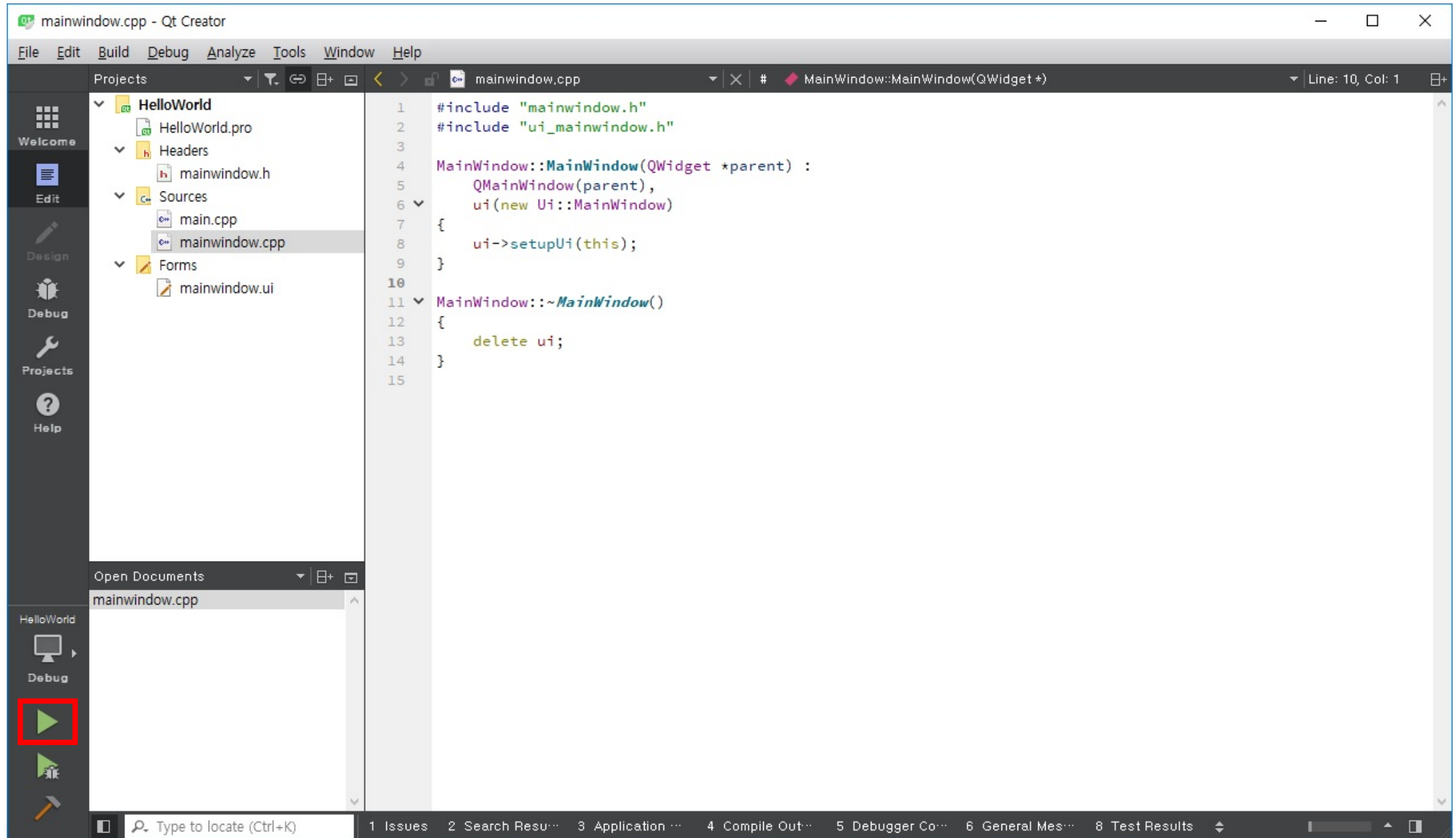
Form file: mainwindow.ui

Next Cancel

### 13. Finish를 눌러주세요.



## 14. 아래와 같이 프로젝트가 생성됩니다. 왼쪽 하단의 실행 버튼을 눌러봅시다.





## 15. 아래와 같이 빈 창이 뜨면 빌드 및 실행이 된 것을 확인할 수 있습니다.

