

Object Oriented Programming IDE

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Software Convergence
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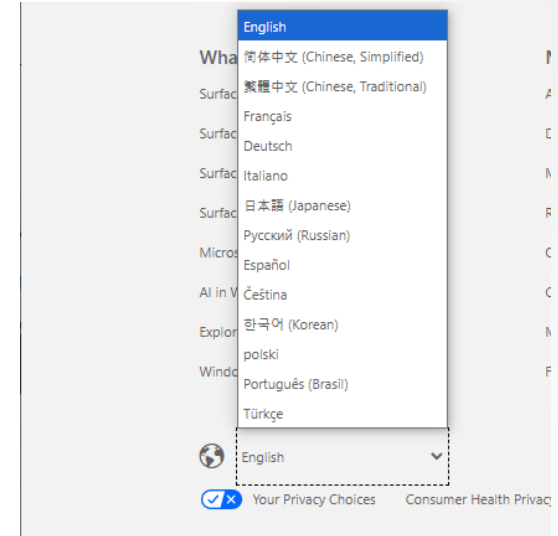
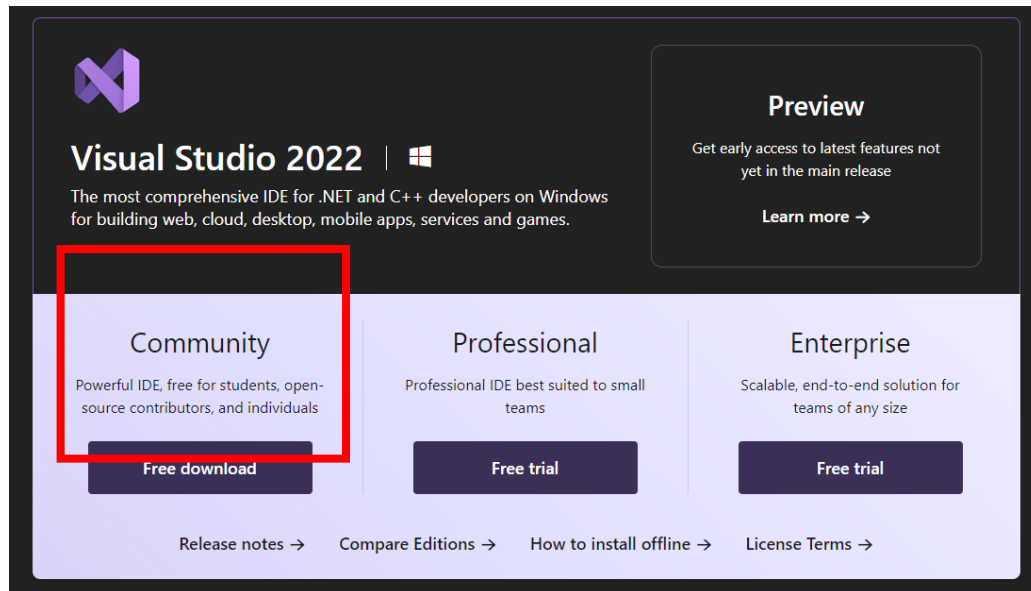
IDE

Object Oriented Programming

Visual Studio (1)

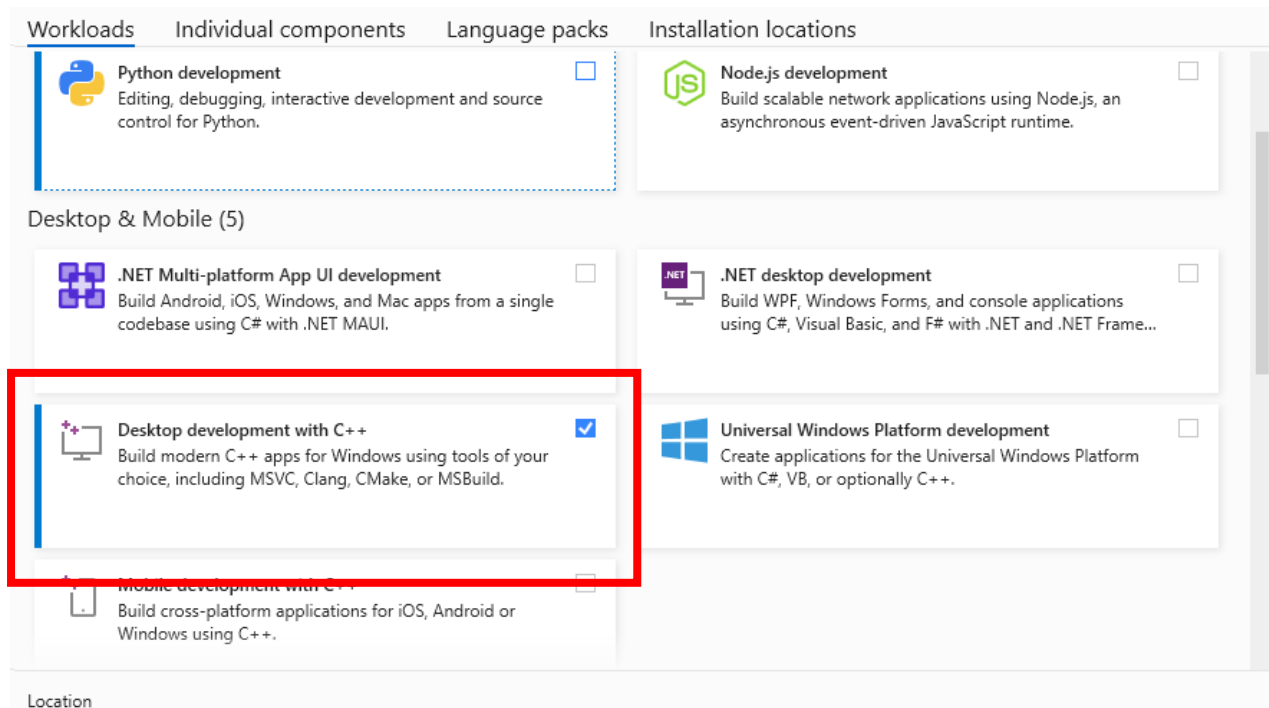
- Download

- <https://visualstudio.microsoft.com/downloads/>



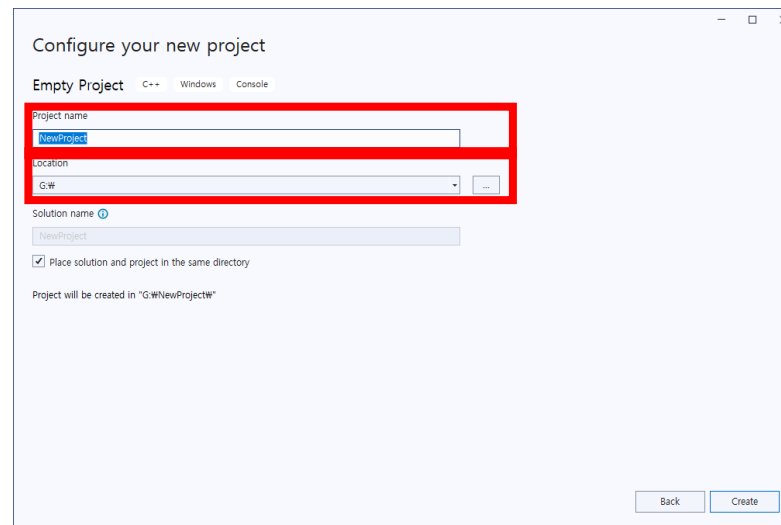
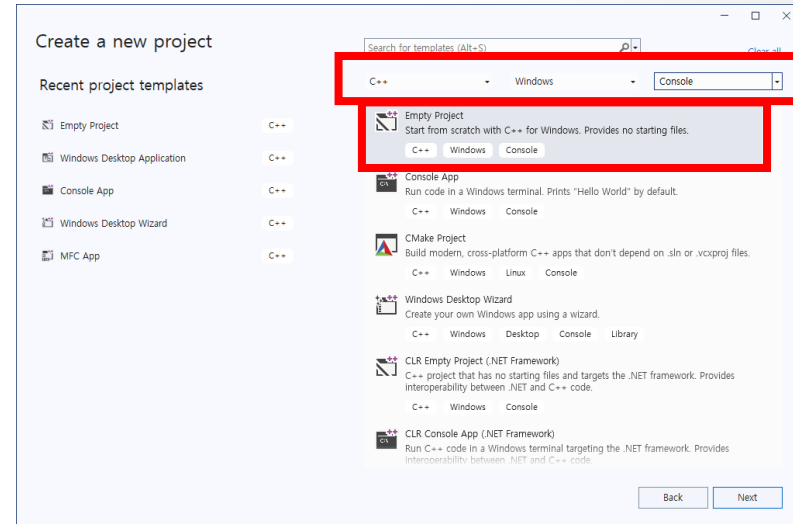
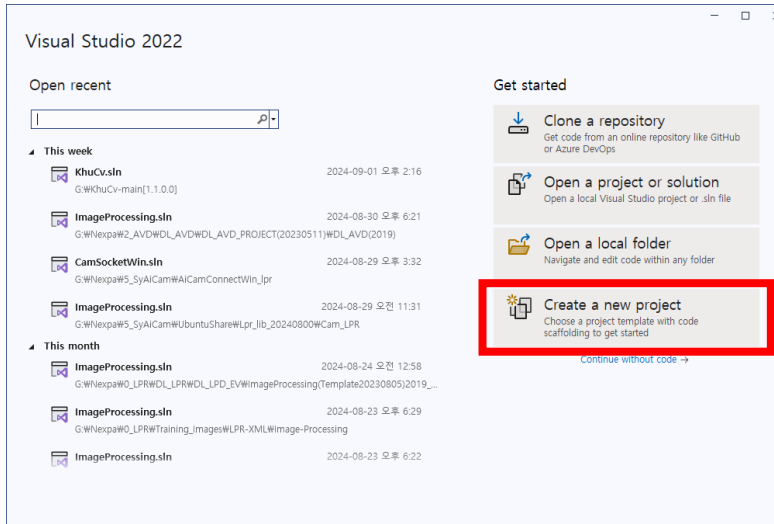
Visual Studio (2)

- Install



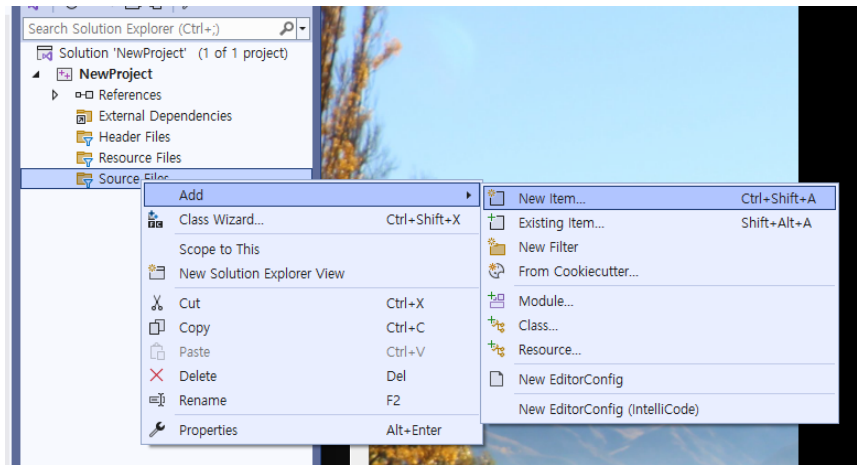
Visual Studio (3)

• Project

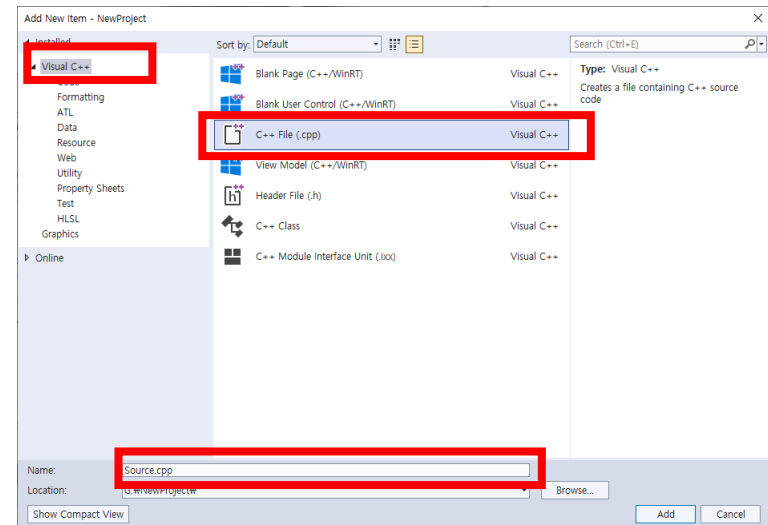
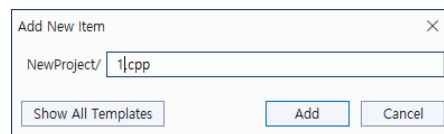


Visual Studio (4)

- Add a new source file
 - [Solution Explorer]에서 Source Files에서 오른쪽 마우스: [Add]-[New Item...]



- Compact View인 경우:
 - 왼쪽과 같이 파일 이름 지정 후 Add
- Compact View가 아닌 경우:
 - 오른쪽과 같이 항목 선택/지정 후 Add



Visual Studio (5)

- Edit

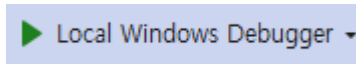
- [Solution Explorer]에서 Source Files 선택 후 편집



```
Source.cpp
NewProject (Global Scope)
1  #include <iostream>
2  int main() {
3      std::cout << "Programming\n";
4  }
```

- Build

- [Build]-[Build Solution]
- [Build]-[Build xxx]
- [Debug]-[Start Debugging], F5
- [Debug]-[Start Without Debugging], Ctrl+F5



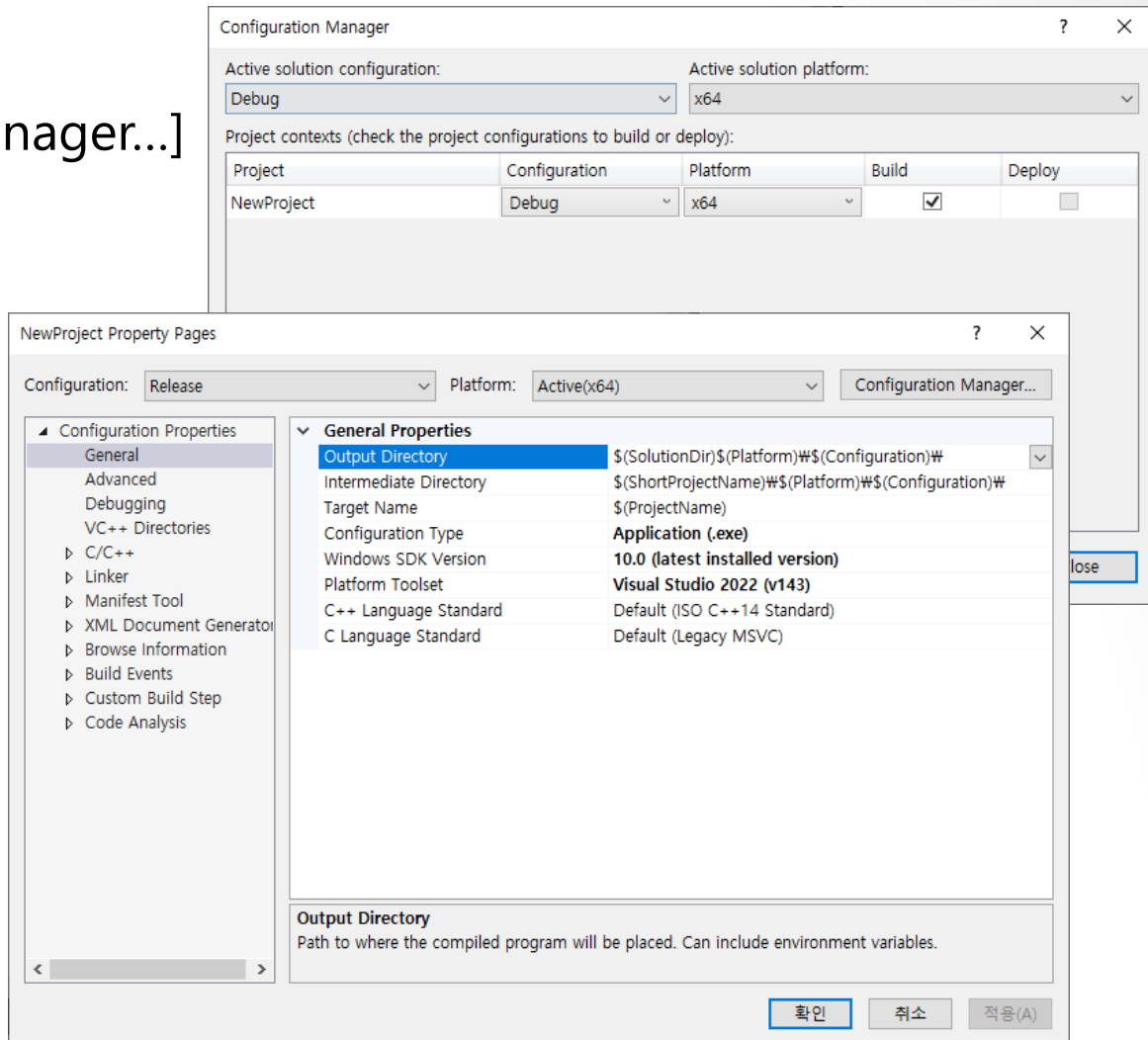
```
Programming
G:\NewProject\#x64\Debug\NewProject.exe (process 25880) exited with code 0 (0x0).
Press any key to close this window . . .
```

Visual Studio (6)

- Configuration
- [Build]-[Configuration Manager...]



- [Project]-[xxx Properties]

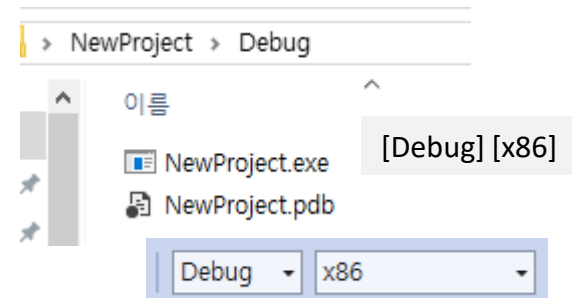
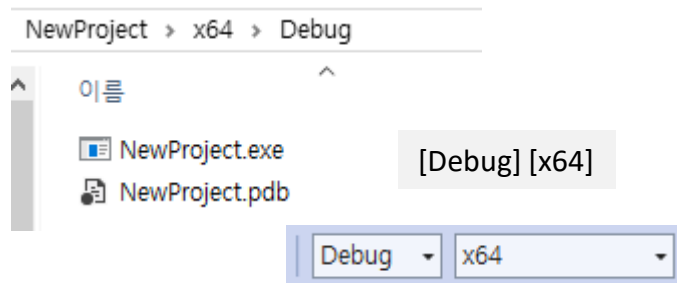


Visual Studio (7)

- Executable file

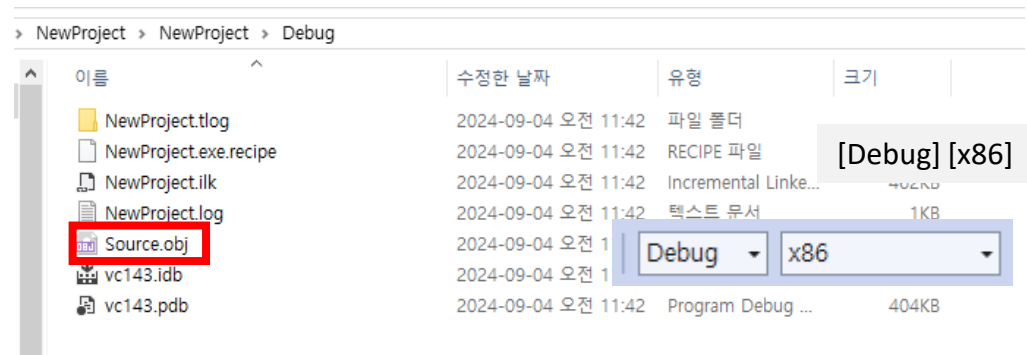
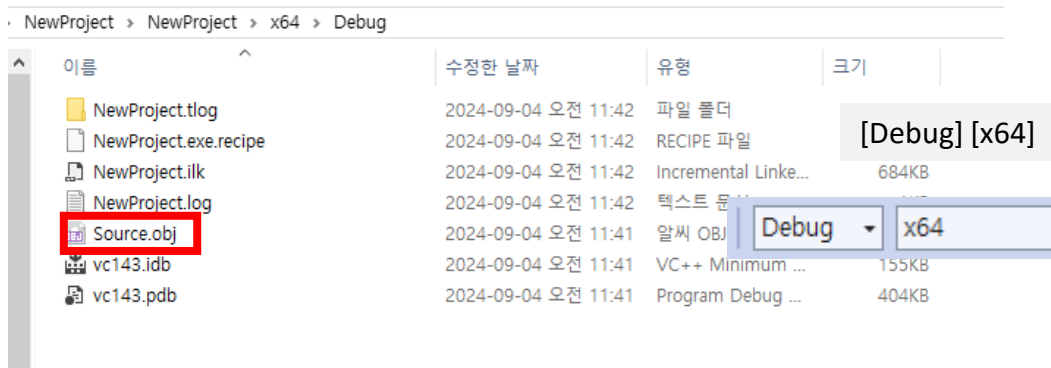
NewProject

이름	수정된 날짜	유형	크기
.vs	2024-09-04 오전 10:45	파일 폴더	
NewProject	2024-09-04 오전 10:56	파일 폴더	
x64	2024-09-04 오전 10:56	파일 폴더	
NewProject.sln	2024-09-04 오전 10:45	Visual Studio Sol...	2KB
NewProject.vcxproj	2024-09-04 오전 10:56	VC++ Project	7KB
NewProject.vcxproj.filters	2024-09-04 오전 10:56	VC++ Project Filt...	1KB
NewProject.vcxproj.user	2024-09-04 오전 10:45	Per-User Project ...	1KB
Source.cpp	2024-09-04 오전 10:56	C++ Source	1KB



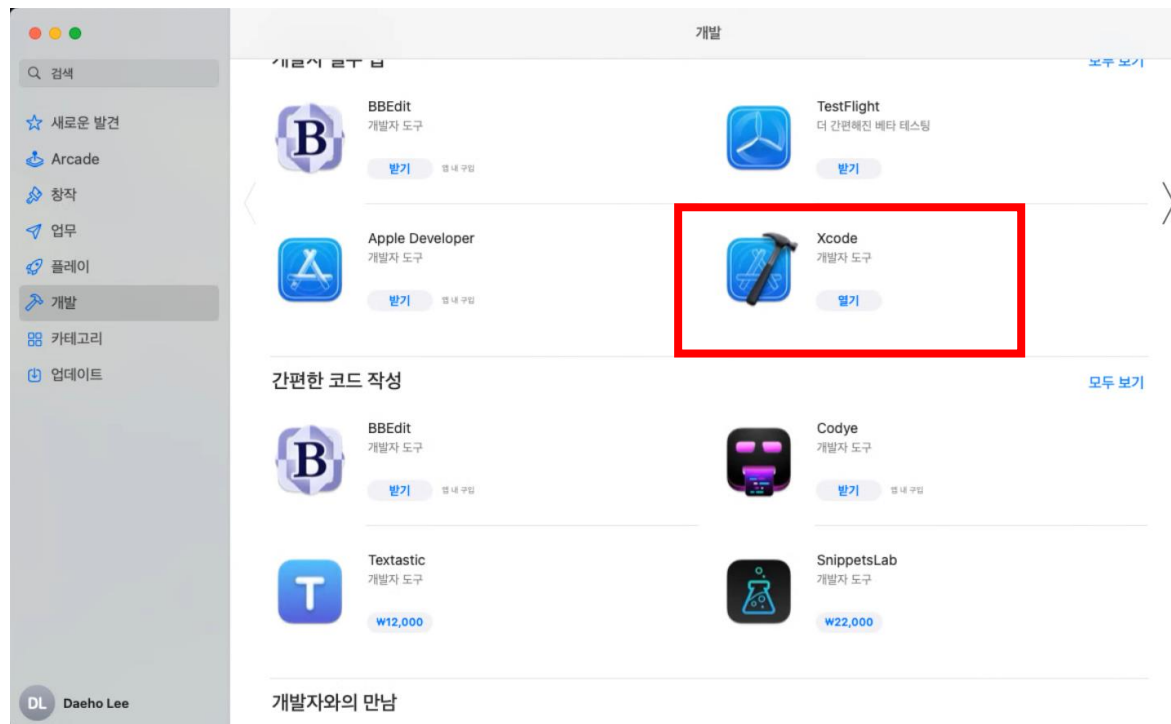
Visual Studio (8)

- Object files



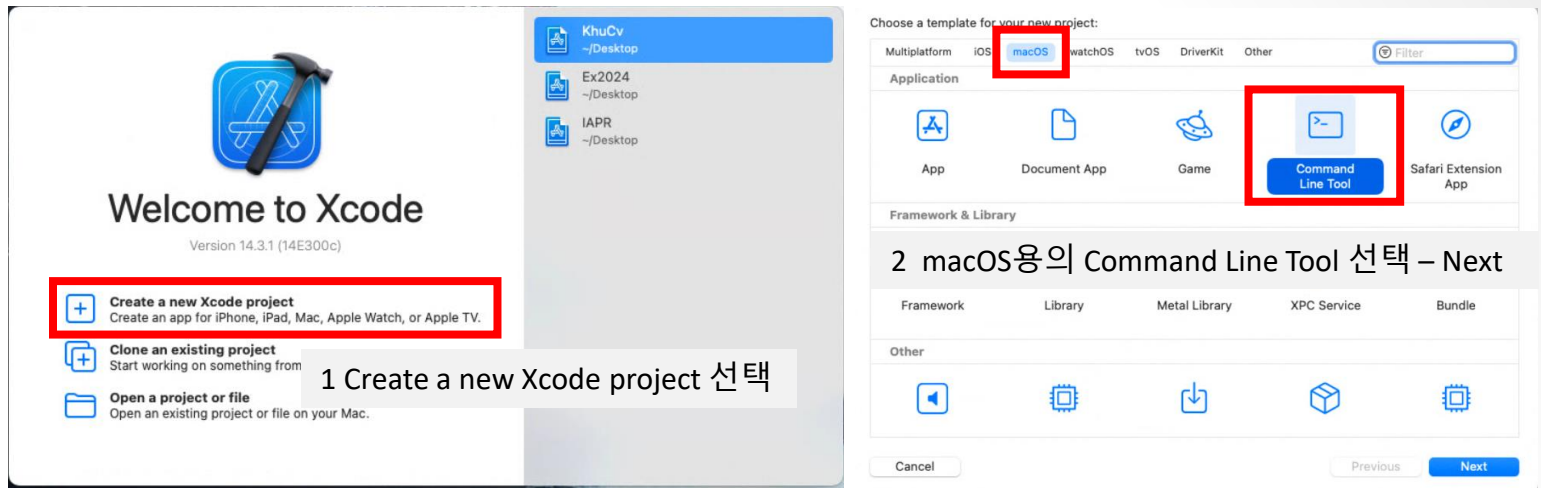
Xcode (1)

- Download & install

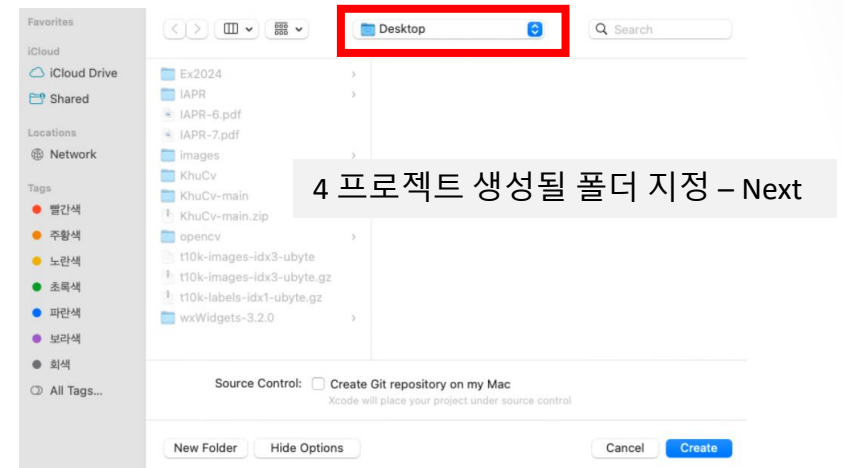
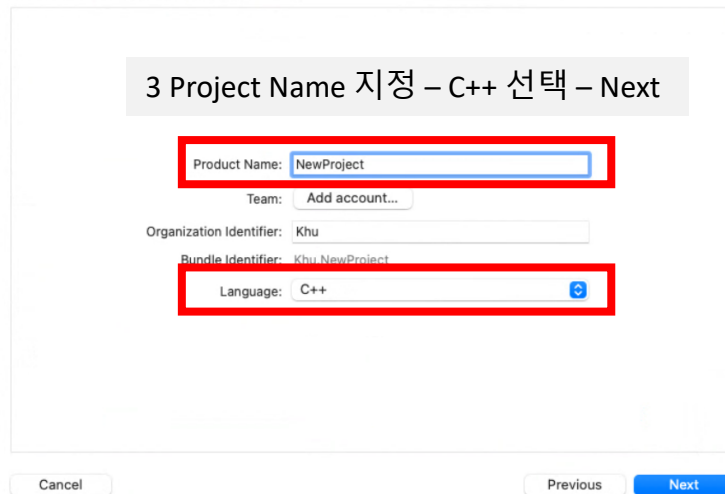


Xcode (2)

- Project



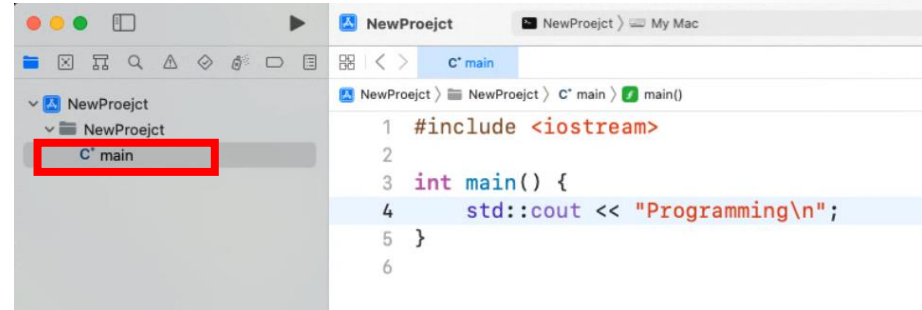
Choose options for your new project:



Xcode (3)

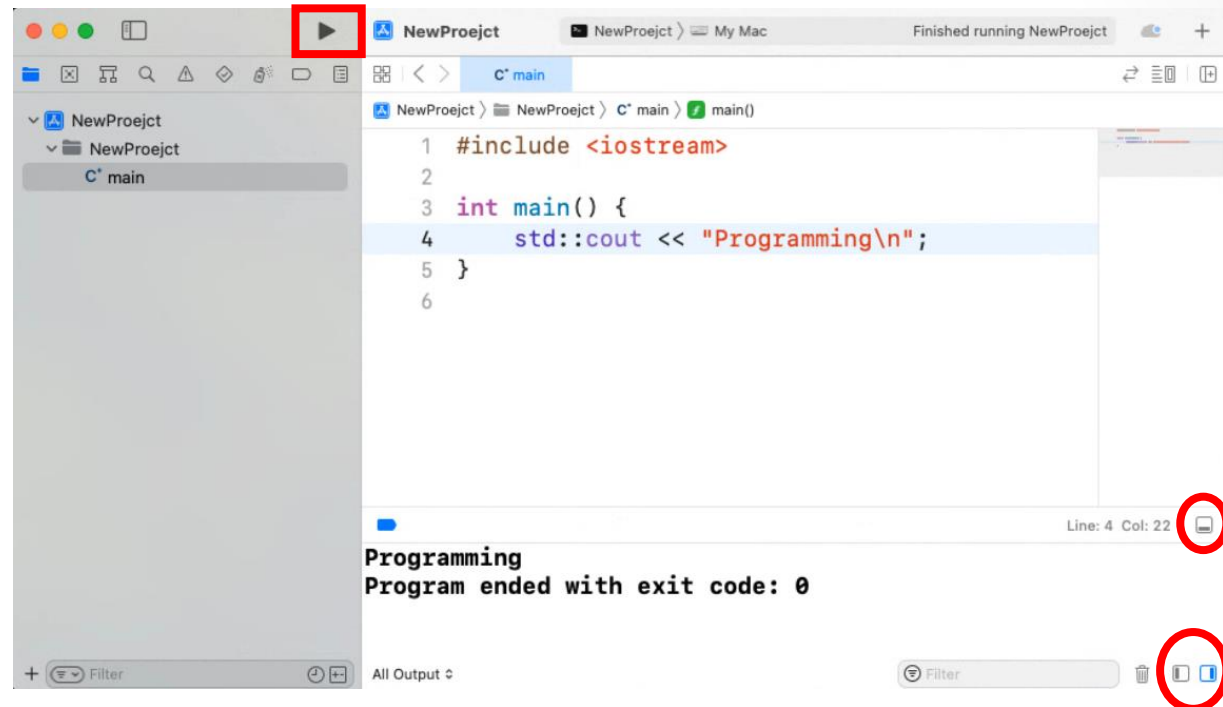
- Editing

- 왼쪽에 소스 파일을 선택하고 수정



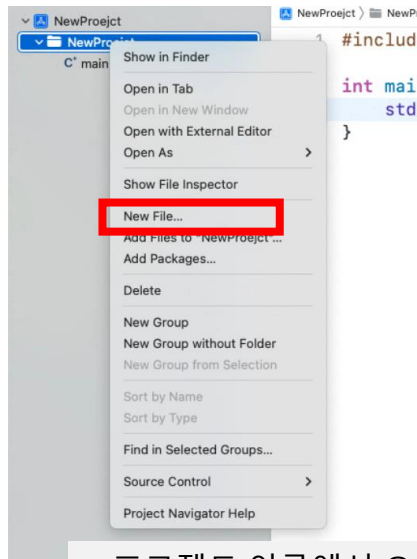
- Run

- [Product]-[Run] or ▶
- 하단의 console 창
결과 확인 (왼쪽으로
표시된 버튼으로
창 표시)

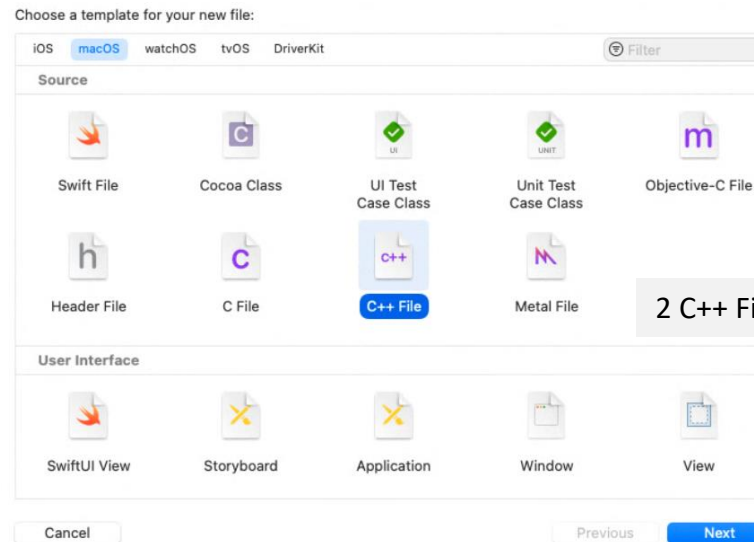


Xcode (4)

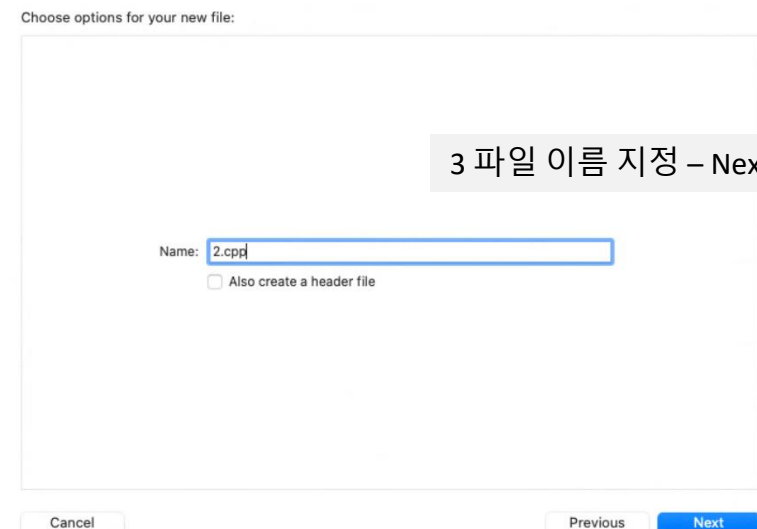
- Add a new source file



1 프로젝트 이름에서 오른쪽 마우스

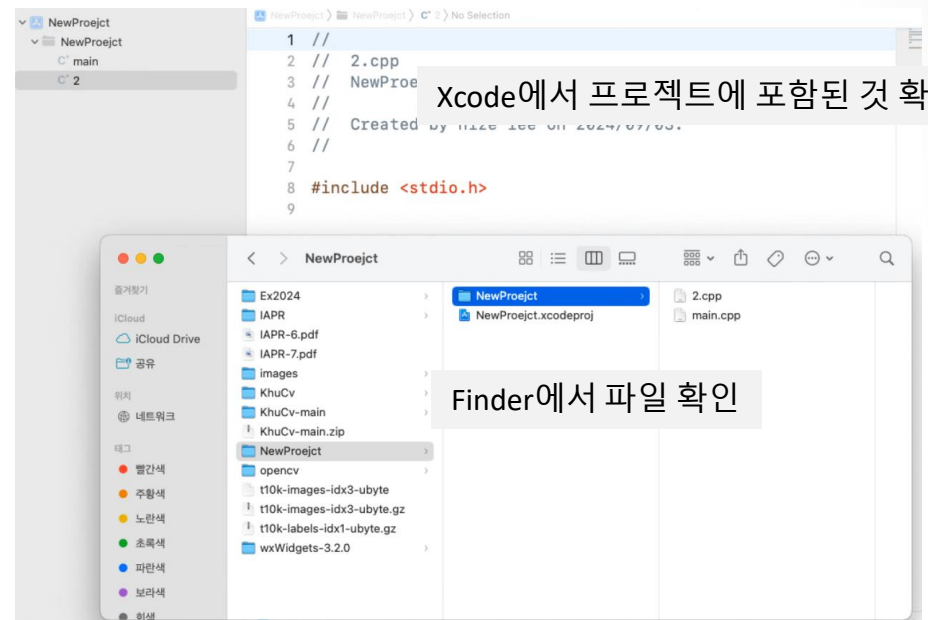
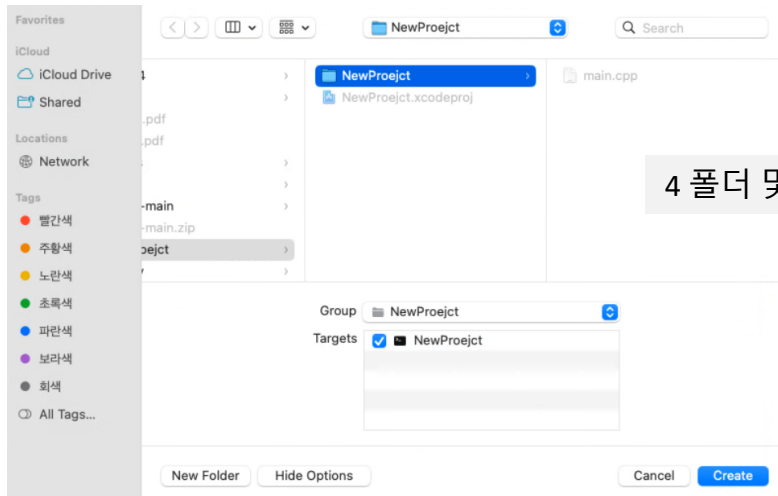


2 C++ File 선택 – Next



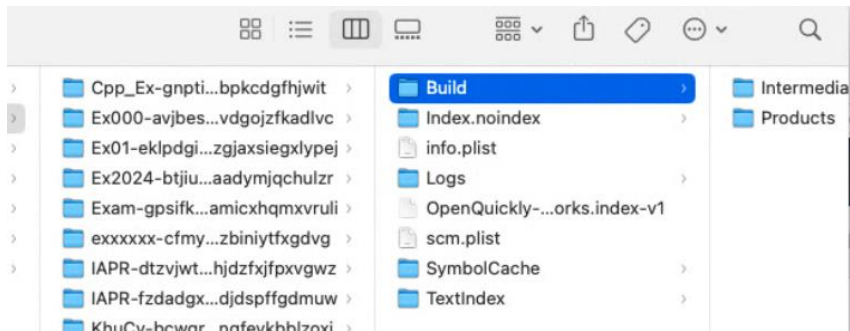
3 파일 이름 지정 – Next

Xcode (5)

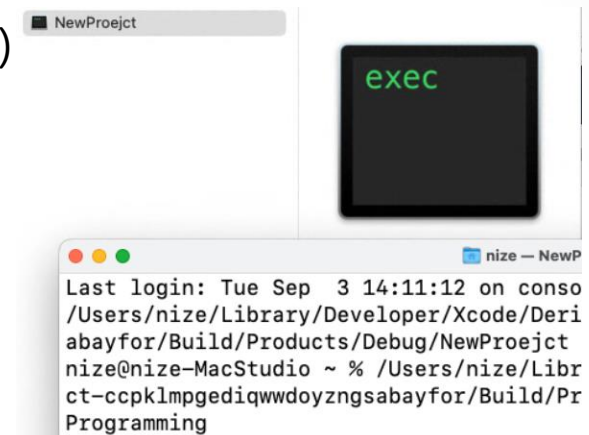


Xcode (6)

- Executable file
 - [Product] – [Show Build Fonder in Finder]

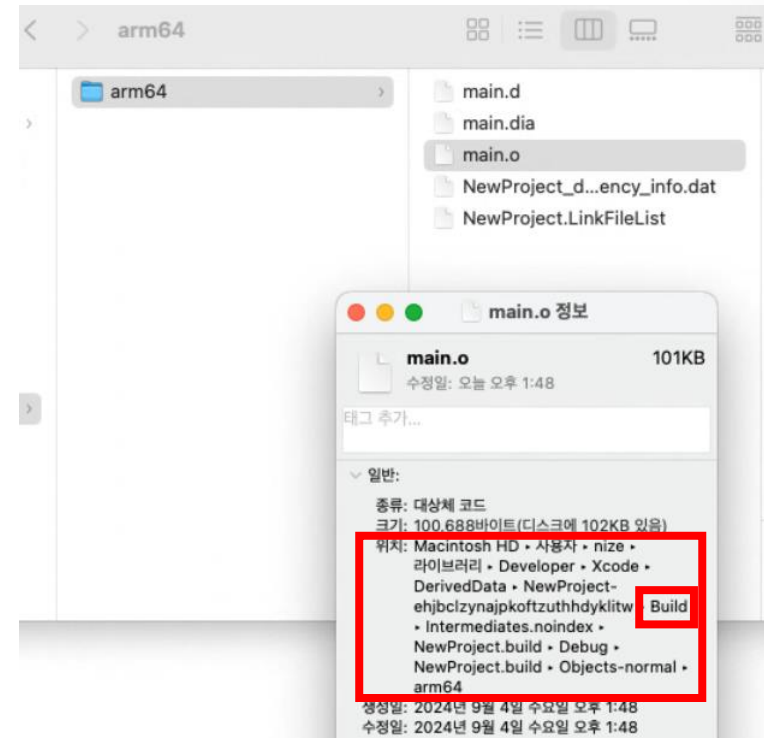


- /Build/Products/Debug/NewProject(프로젝트 이름)



Xcode (7)

- Object files
 - [Product] – [Show Build Fonder in Finder]
- /Build/.../xxx.o



Xcode (8)

- Configuration
 - [Product]-[Scheme]-[Edit Scheme...]

