윈도우 VSCode C언어 환경 맞추기

1. VSCode 설치하기

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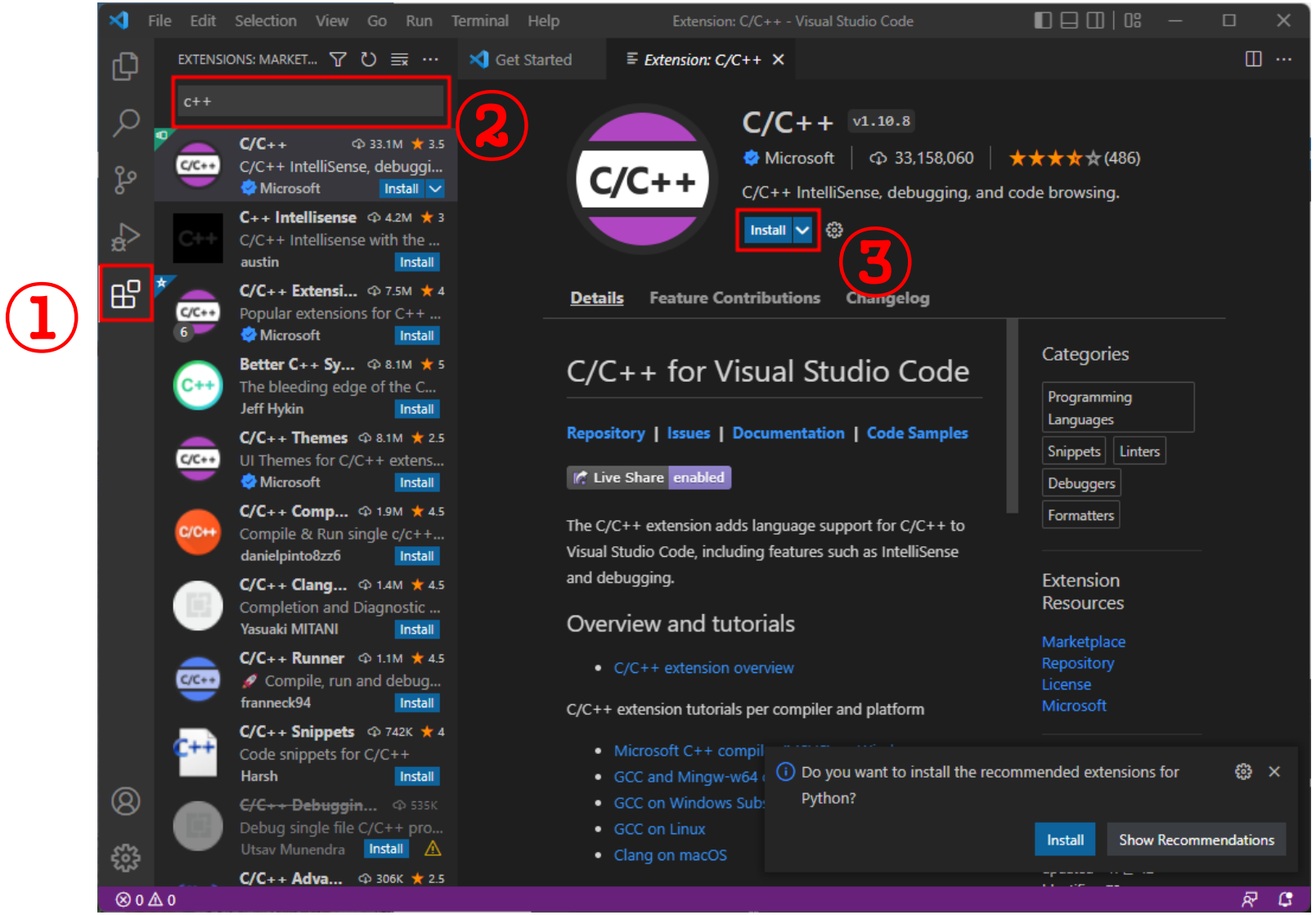
2. VSCode Extension 중 "C/C++" 설치하기



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3. MinGW 설치 (VSCode는 Compiler를 제공하지 않는다.)

https://sourceforge.net/projects/mingw/

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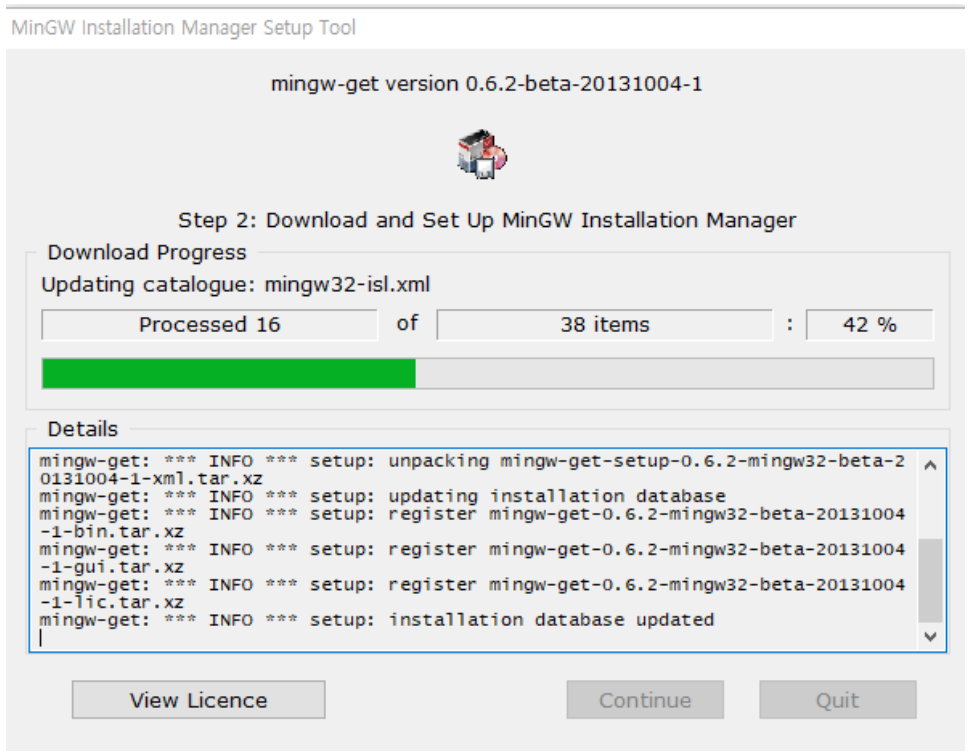
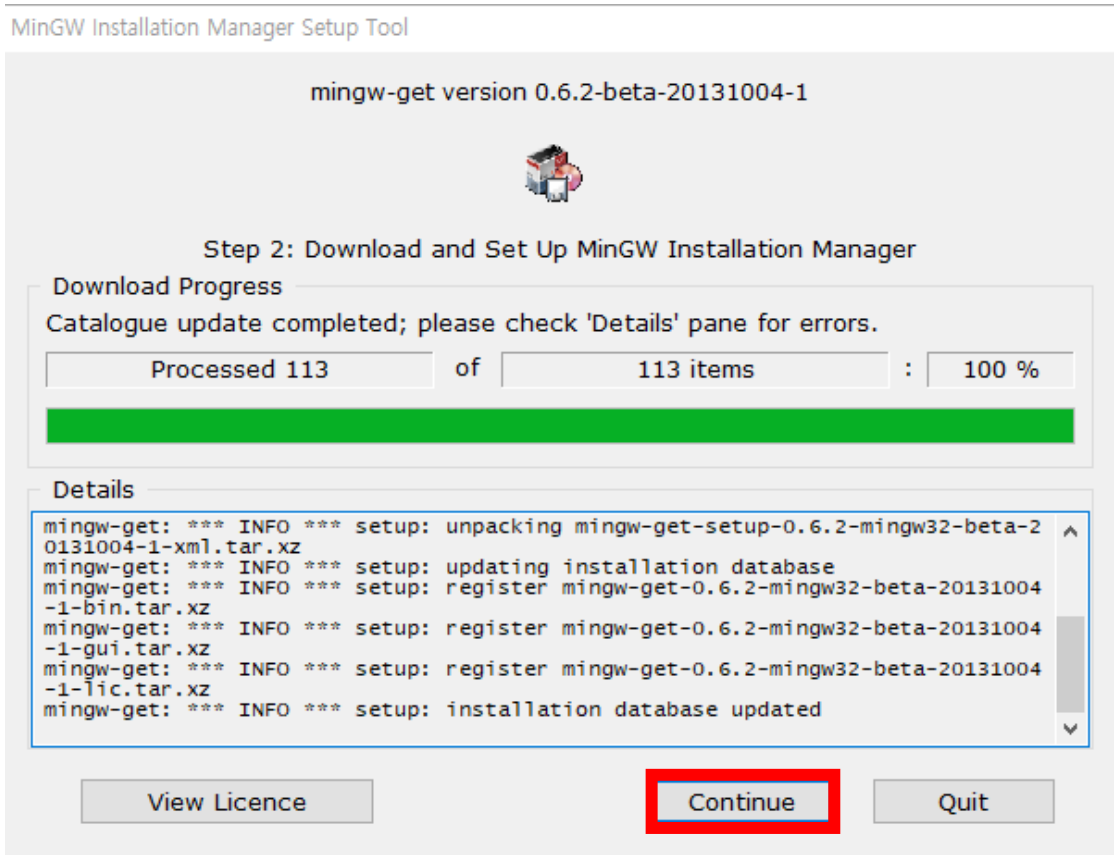
3. MinGW 설치





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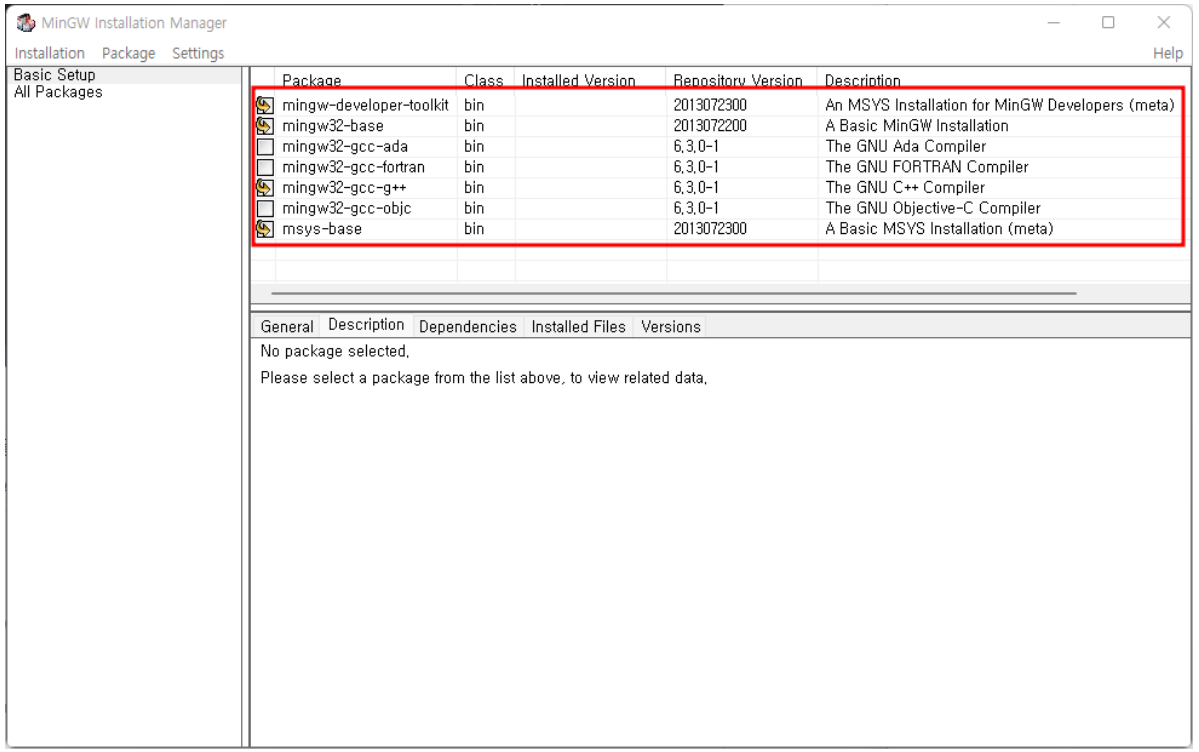
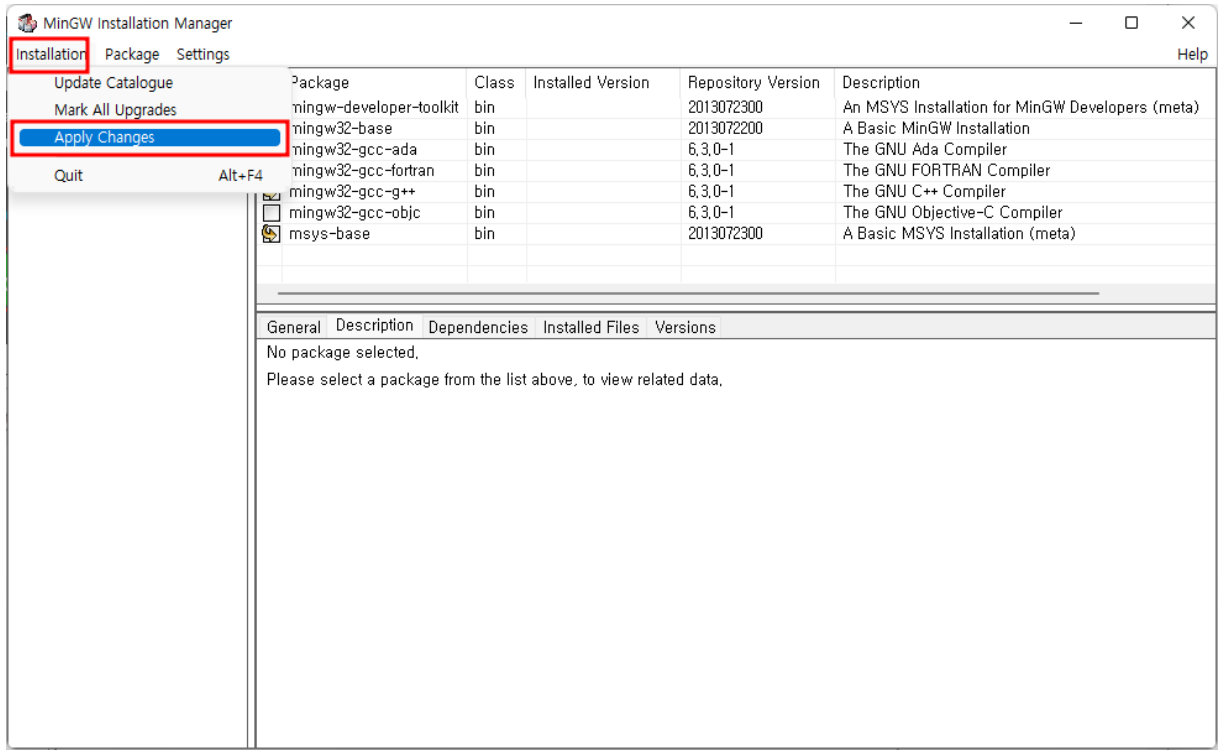
3. MinGW 설치 - 시간이 좀 걸립니다!





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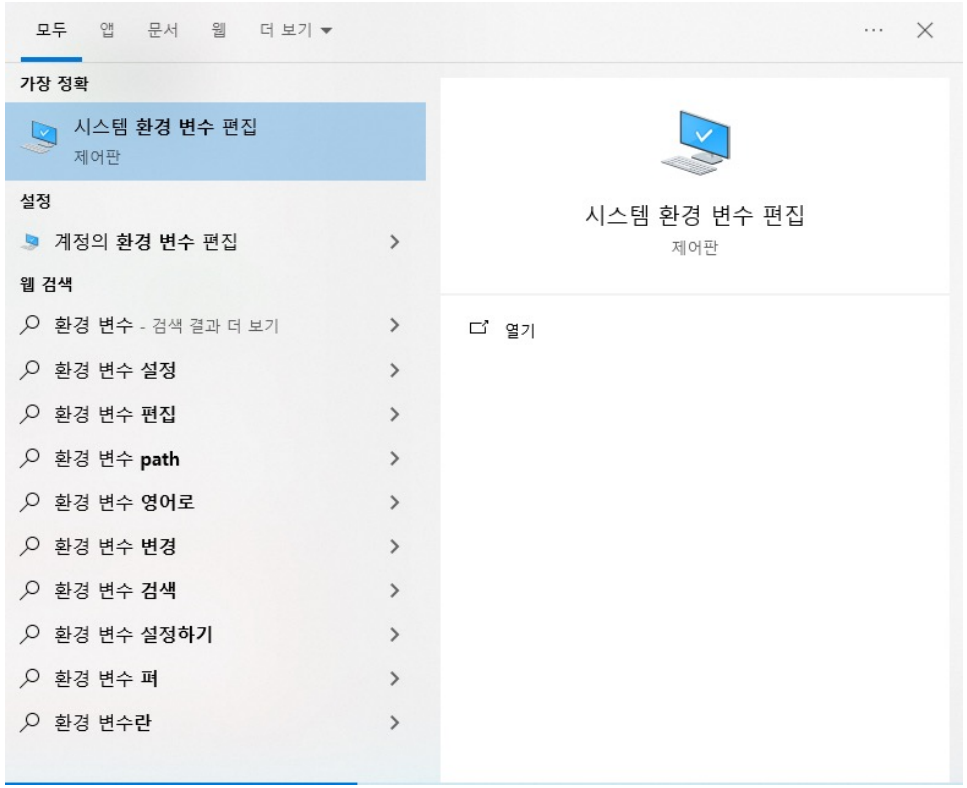
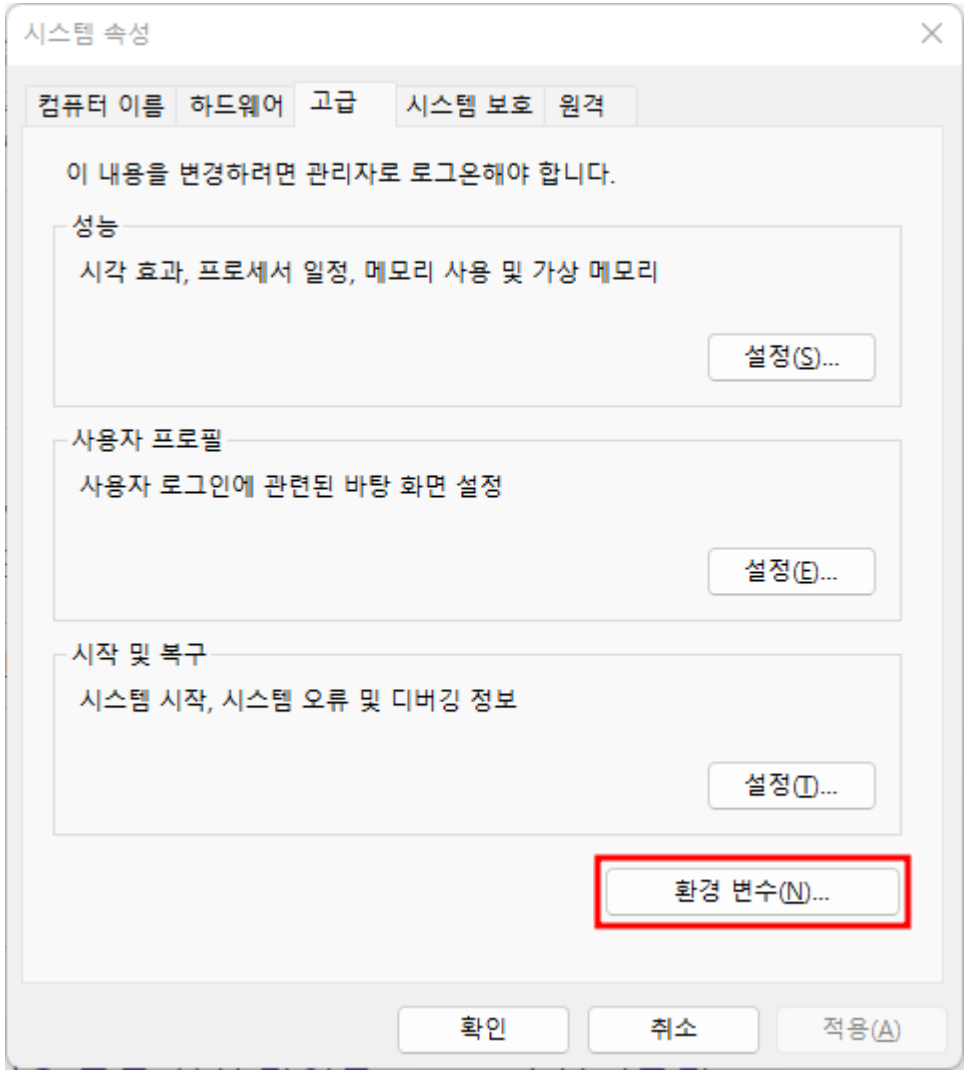
4. 환경변수 추가





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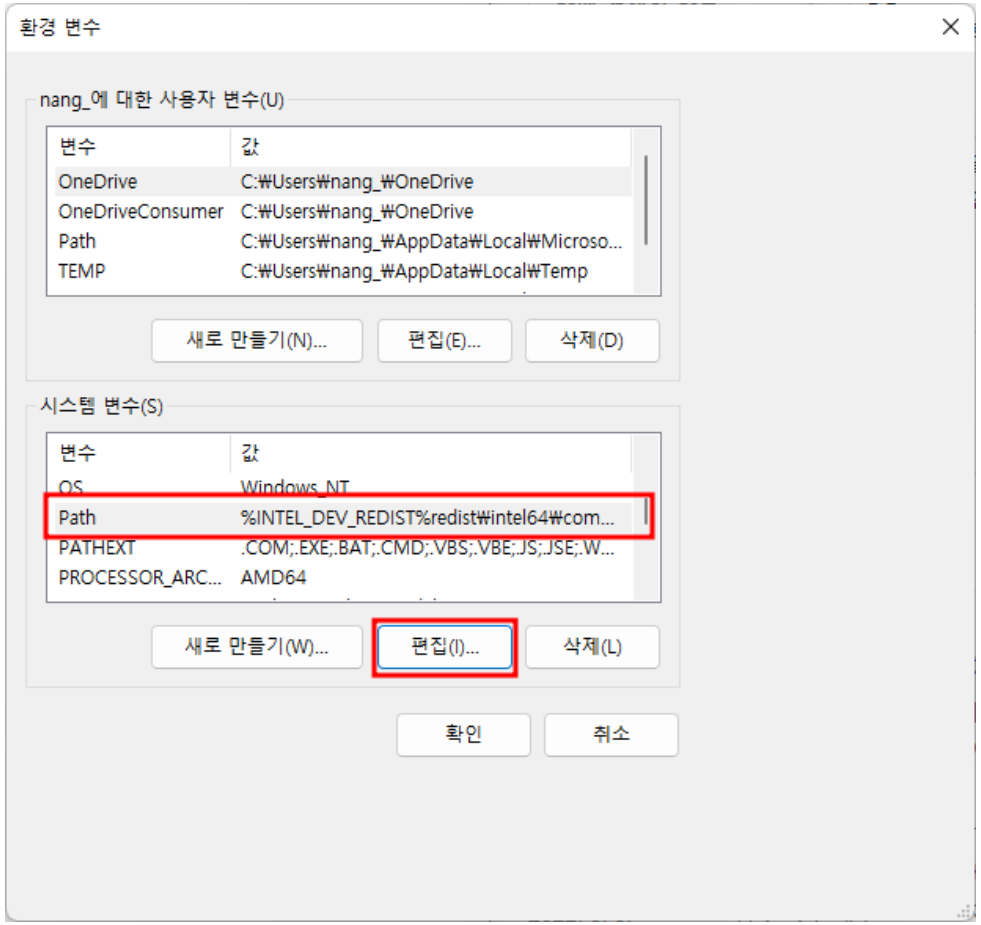
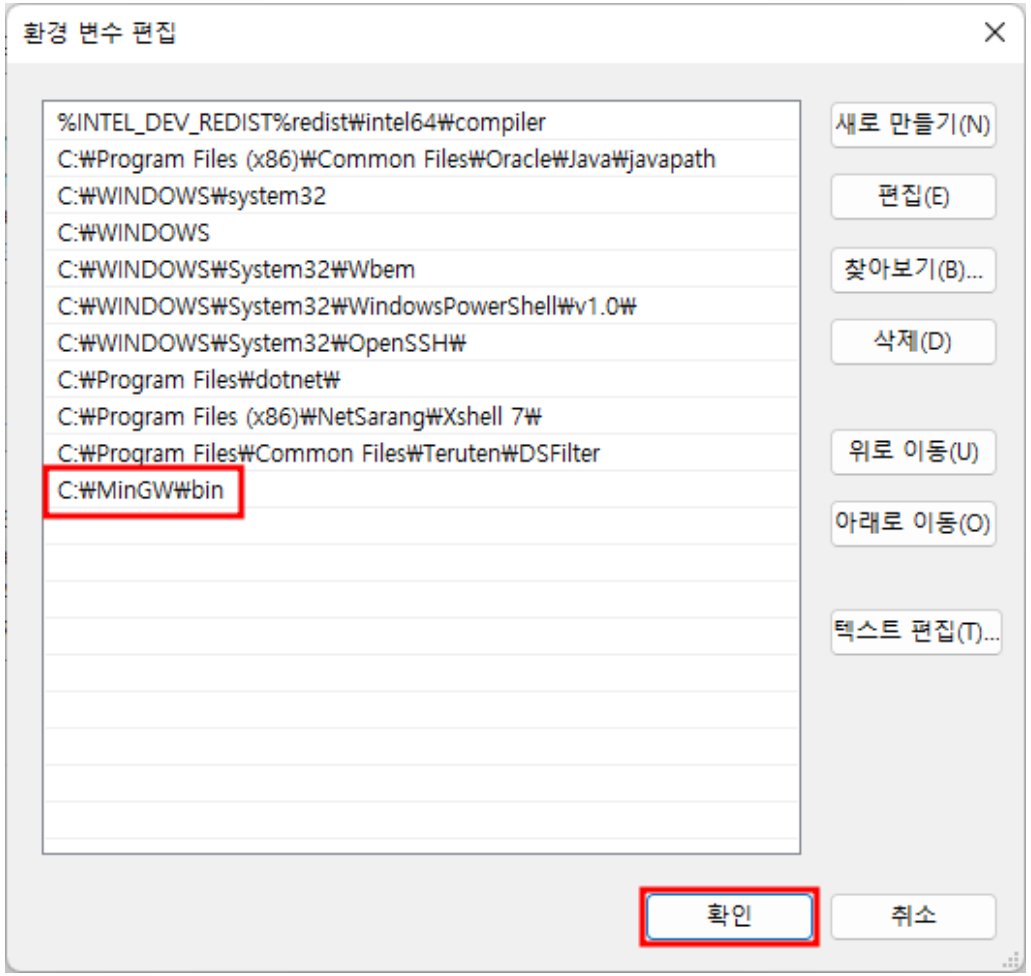
4. 환경변수 추가 - 시스템 변수의 Path 추가





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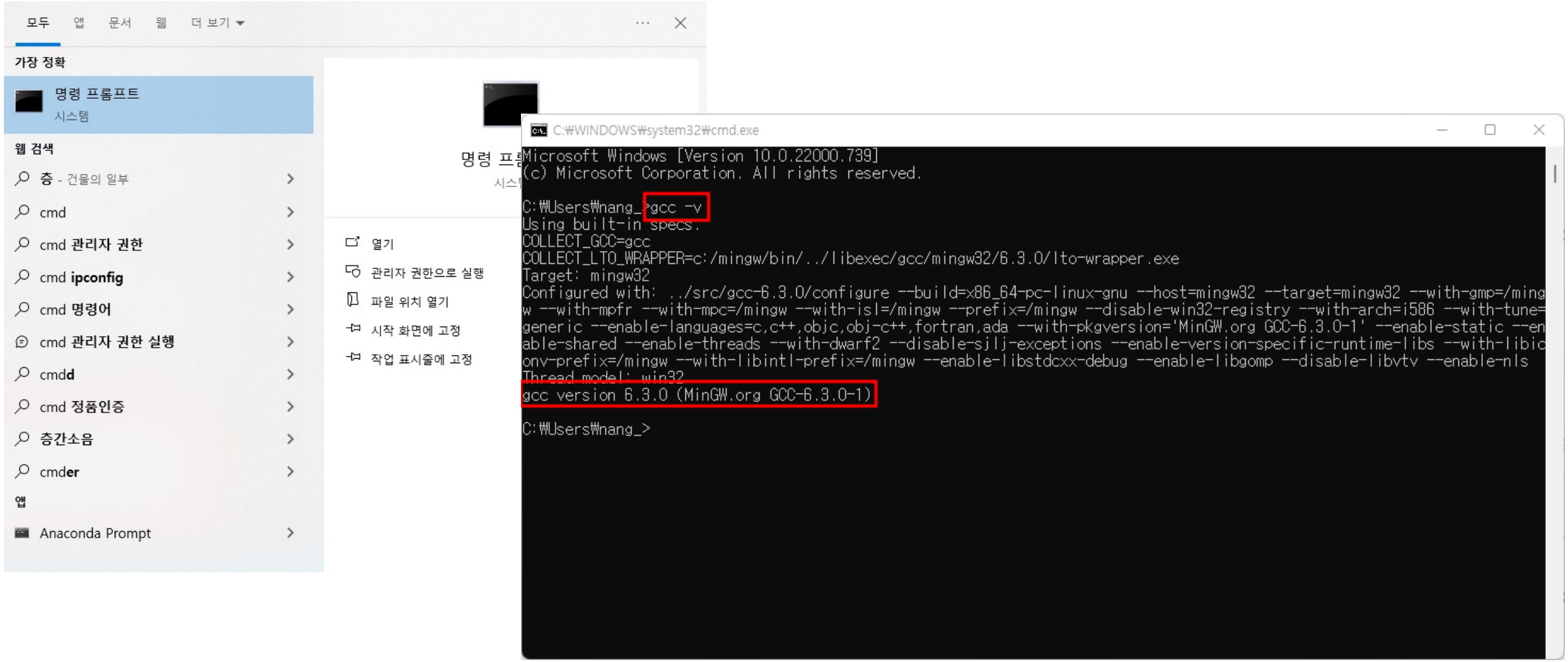
4. 환경변수 추가 - 잘 추가됐는지 확인



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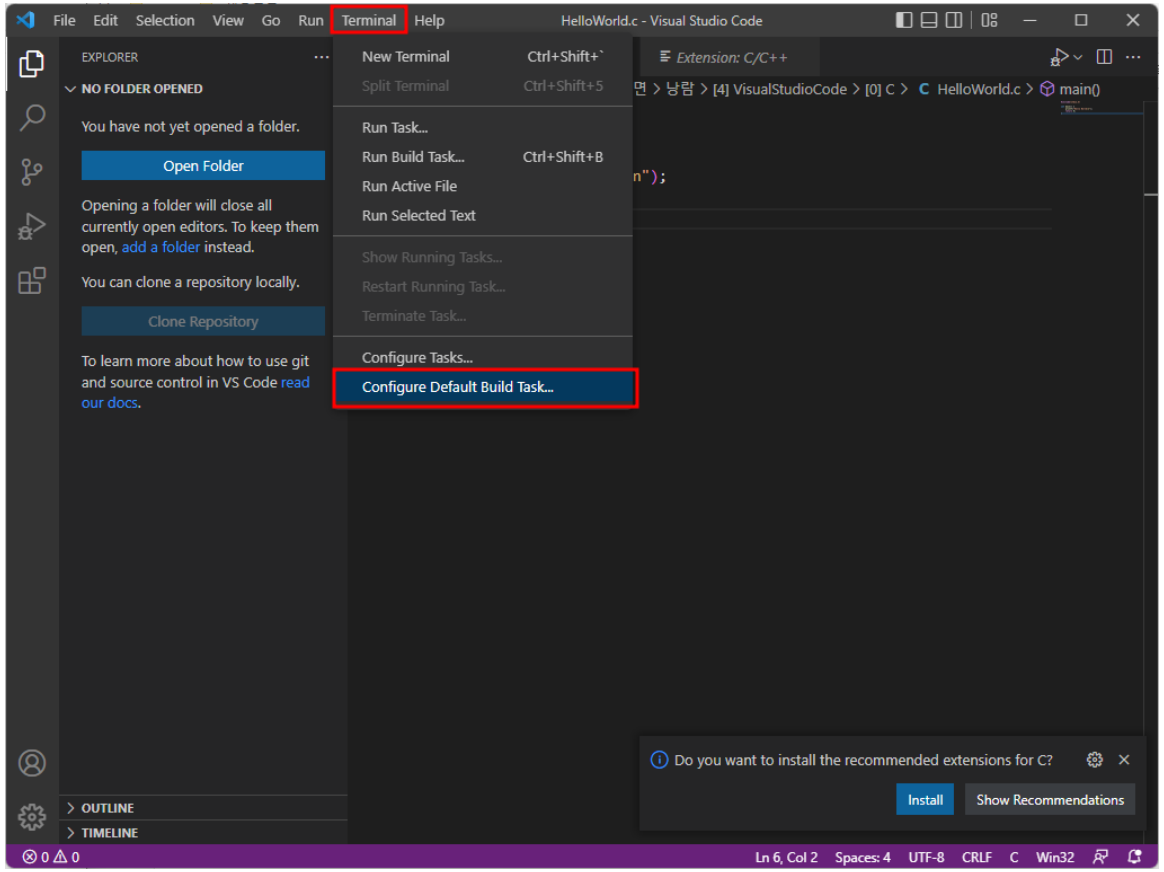
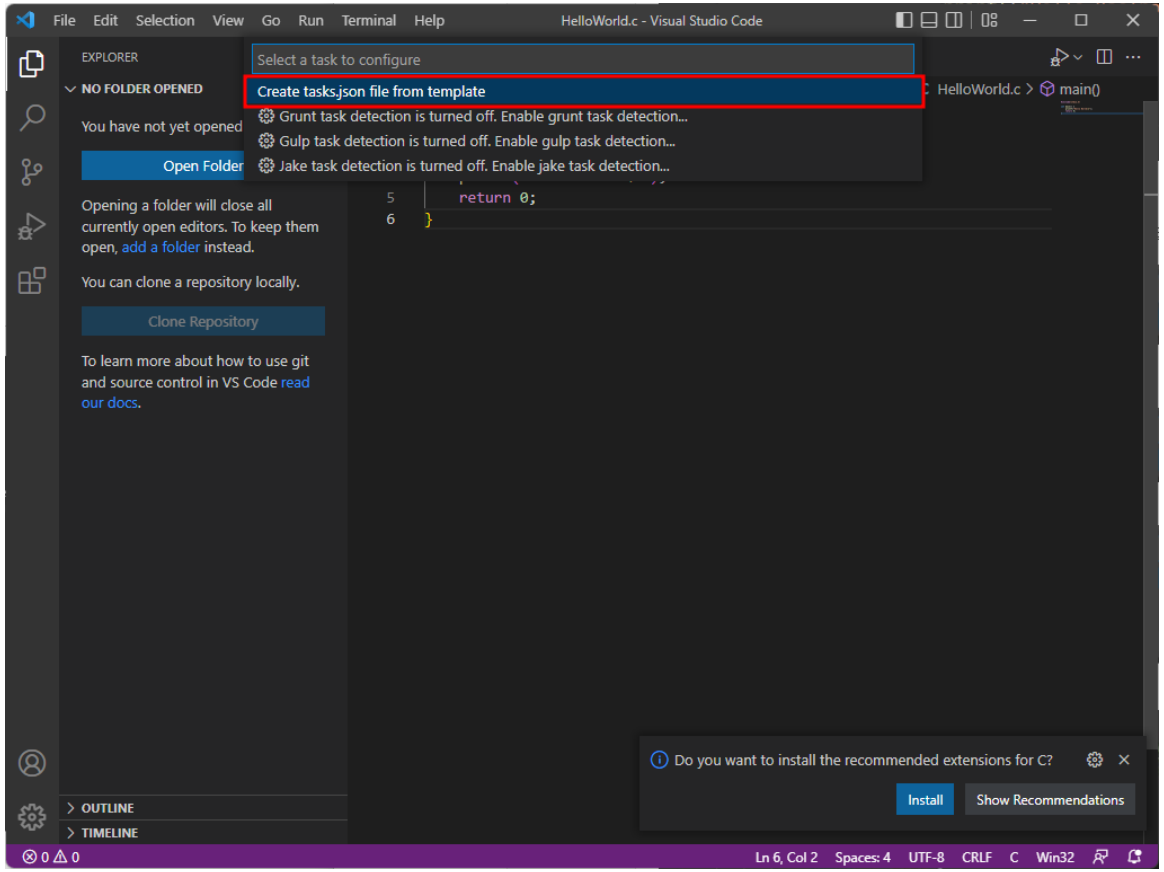
5. VSCode 추가작업





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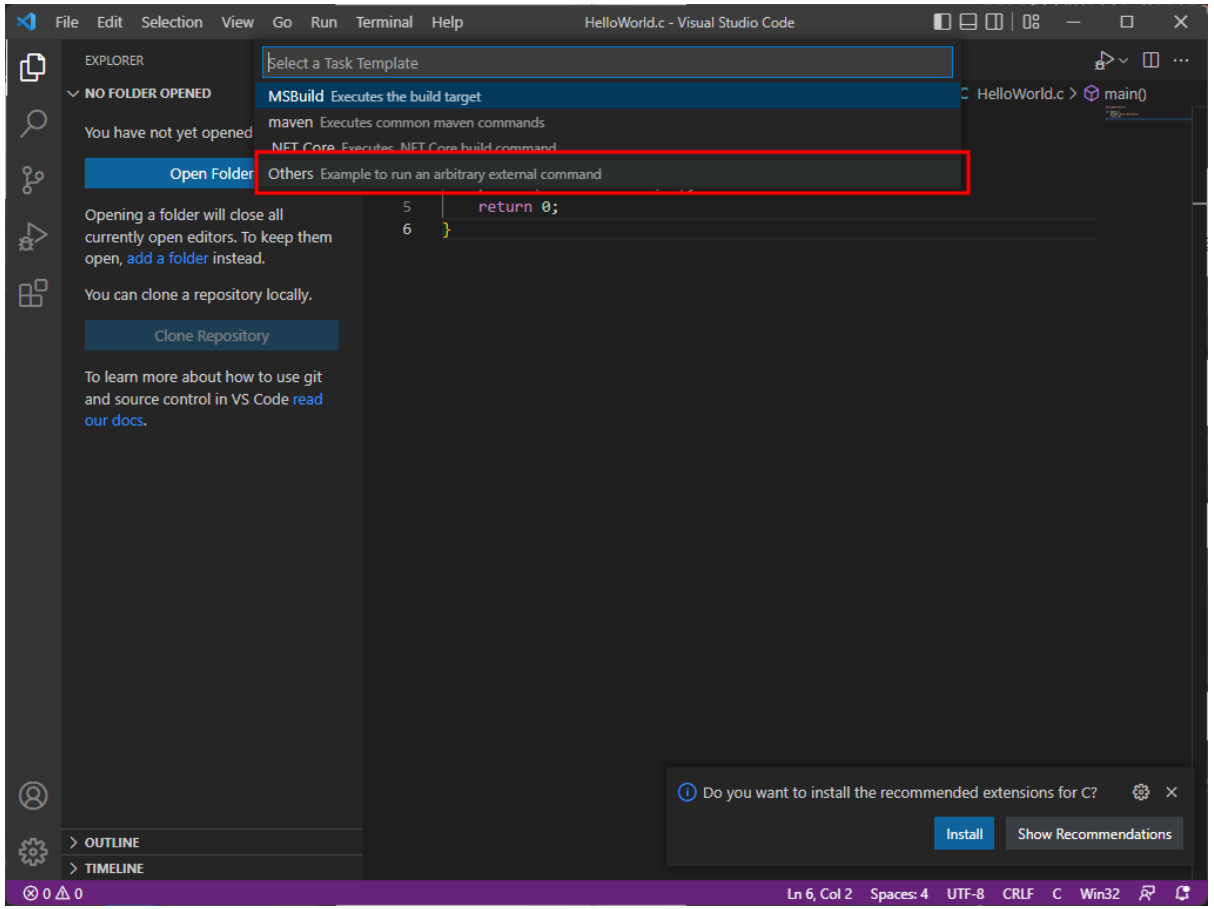
5. VSCode 추가작업 - ctrl + c, ctrl + v



{ "version": "2.0.0", "runner": "terminal", "type": "shell", "echoCommand": true, "presentation": { "reveal": "always" }, "tasks": [{ "label": "save and compile for C++", "command": "g++", "args": ["${file}", "-o", "${fileDirname}/${fileBasenameNoExtension}"], "group": "build", "problemMatcher": { "fileLocation": ["relative", "${workspaceRoot}"], "pattern": { "regexp": "^(.*):(\\d+):(\\d+):\\s+(warning error):\\s+(.*)$", "file": 1, "line": 2, "column": 3, "severity": 4, "message": 5 } } }, { "label": "save and compile for C", "command": "gcc", "args": ["${file}", "-o", "${fileDirname}/${fileBasenameNoExtension}"], "group": "build", "problemMatcher": { "fileLocation": ["relative", "${workspaceRoot}"], "pattern": { "regexp": "^(.*):(\\d+):(\\d+):\\s+(warning error):\\s+(.*)$", "file": 1, "line": 2, "column": 3, "severity": 4, "message": 5 } } }, { "label": "execute", "command": "cmd", "group": "test", "args": ["/C", "${fileDirname}\\${fileBasenameNoExtension}"] }, { "type": "cppbuild", "label": "C/C++: gcc.exe 활성 파일 빌드", "command": "C:\\MinGW\\bin\\gcc.exe", "args": ["-g", "${file}", "-o", "${fileDirname}\\${fileBasenameNoExtension}.exe"], "options": { "cwd": "${fileDirname}" }, "problemMatcher": ["$gcc"], "group": "build", "detail": "디버거에서 생성된 작업입니다." }, { "type": "cppbuild", "label": "C/C++: g++.exe 활성 파일 빌드", "command": "C:\\MinGW\\bin\\g++.exe", "args": ["-g", "${file}", "-o", "${fileDirname}\\${fileBasenameNoExtension}.exe"], "options": { "cwd": "${fileDirname}" }, "problemMatcher": ["$gcc"], "group": "build", // "group": { // "kind": "build", // "isDefault": true // }, "detail": "디버거에서 생성된 작업입니다." }, { "type": "cppbuild", "label": "C/C++: gcc.exe 활성 파일 빌드", "command": "C:\\MinGW\\bin\\gcc.exe", "args": ["-g", "${file}", "-o", "${fileDirname}\\${fileBasenameNoExtension}.exe"], "options": { "cwd": "${fileDirname}" }, "problemMatcher": ["$gcc"], "group": "build", // "group": { // "kind": "build", // "isDefault": true // }, "detail": "컴파일러: C:\\MinGW\\bin\\gcc.exe" }] }

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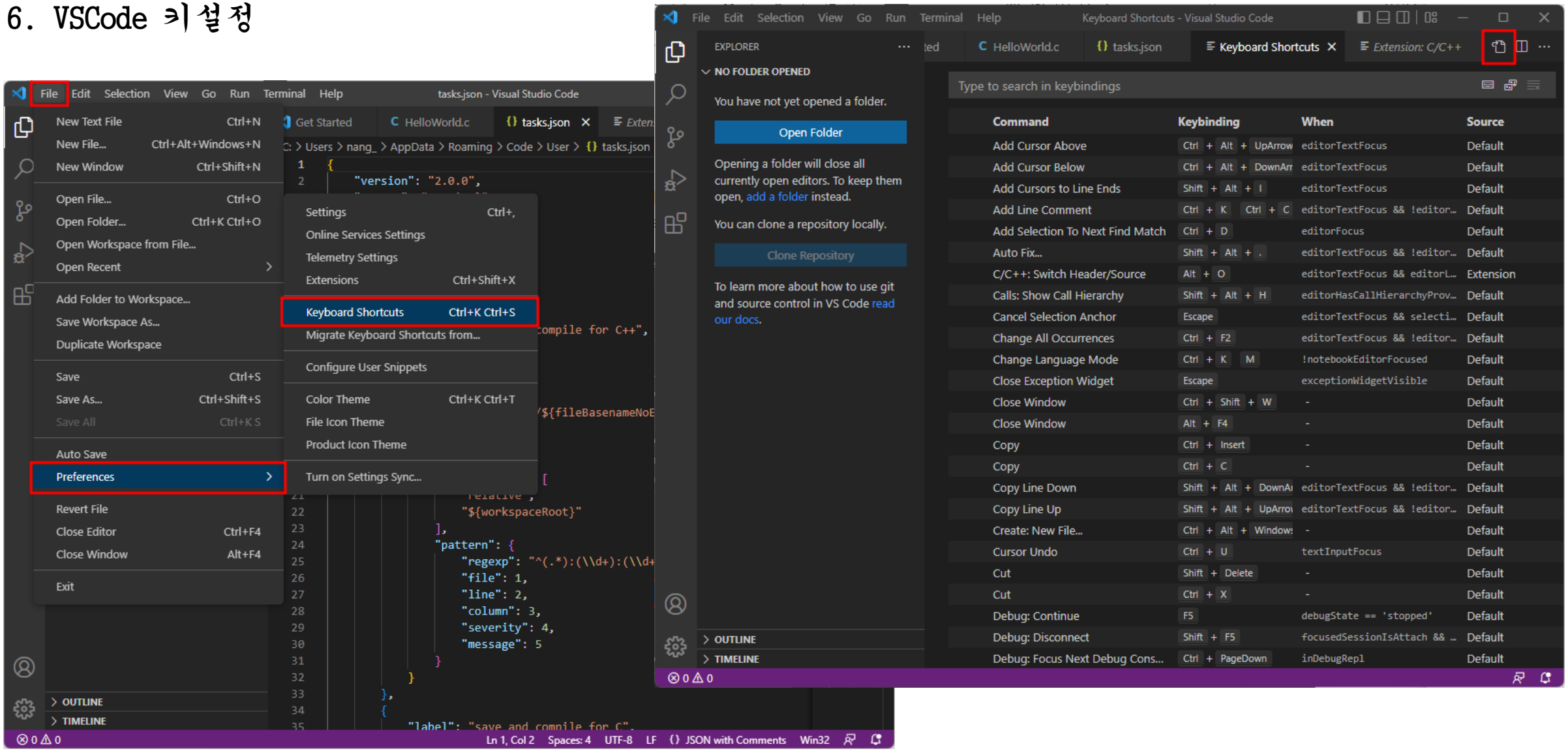
6. VSCode 키설정



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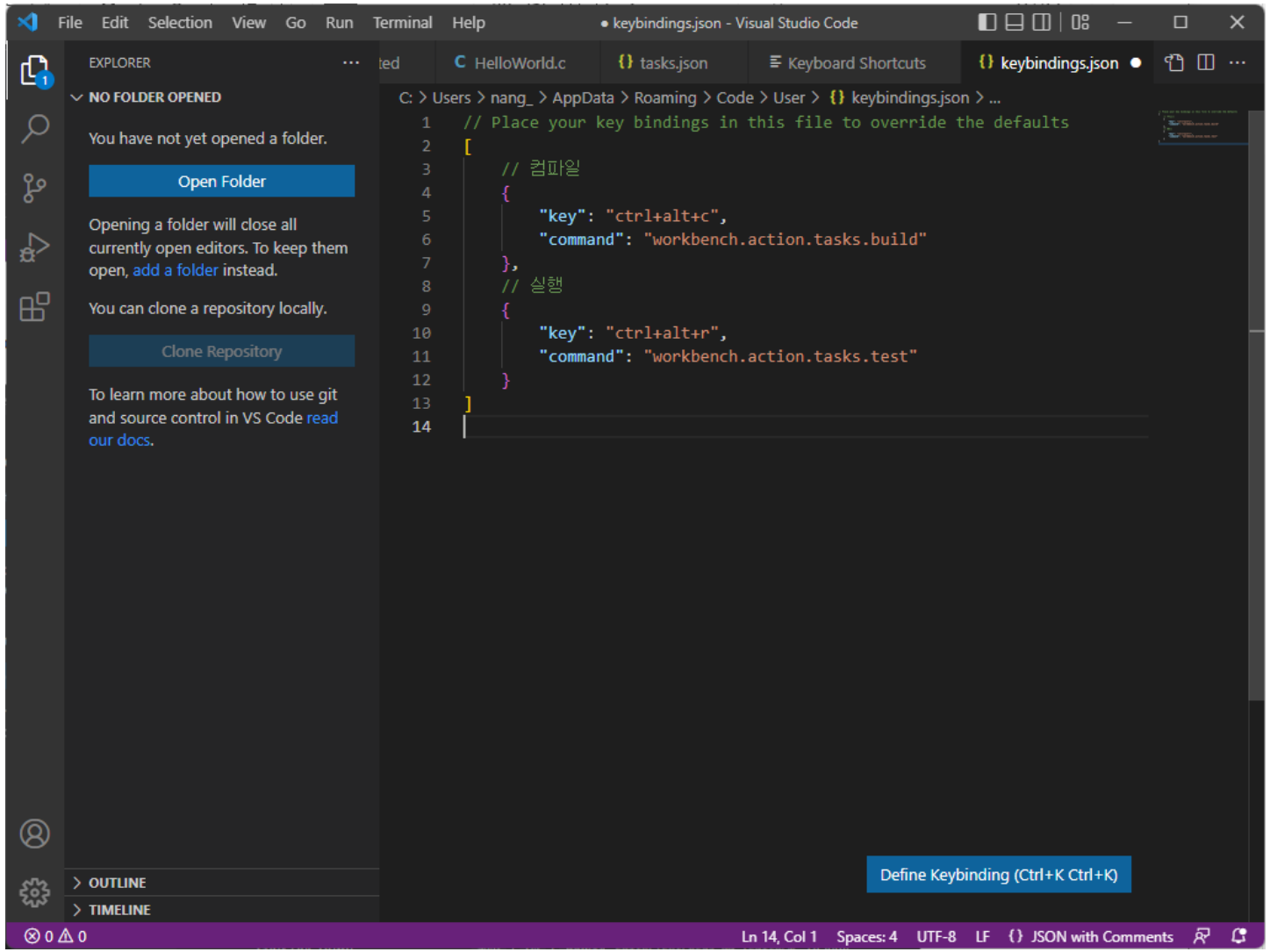
6. VSCode 키설정 - ctrl + c, ctrl + v



// Place your key bindings in this file to override the defaults [// 컴파일 { "key": "ctrl+alt+c", "command": "workbench.action.tasks.build" }, // 실행 { "key": "ctrl+alt+r", "command": "workbench.action.tasks.test" }]

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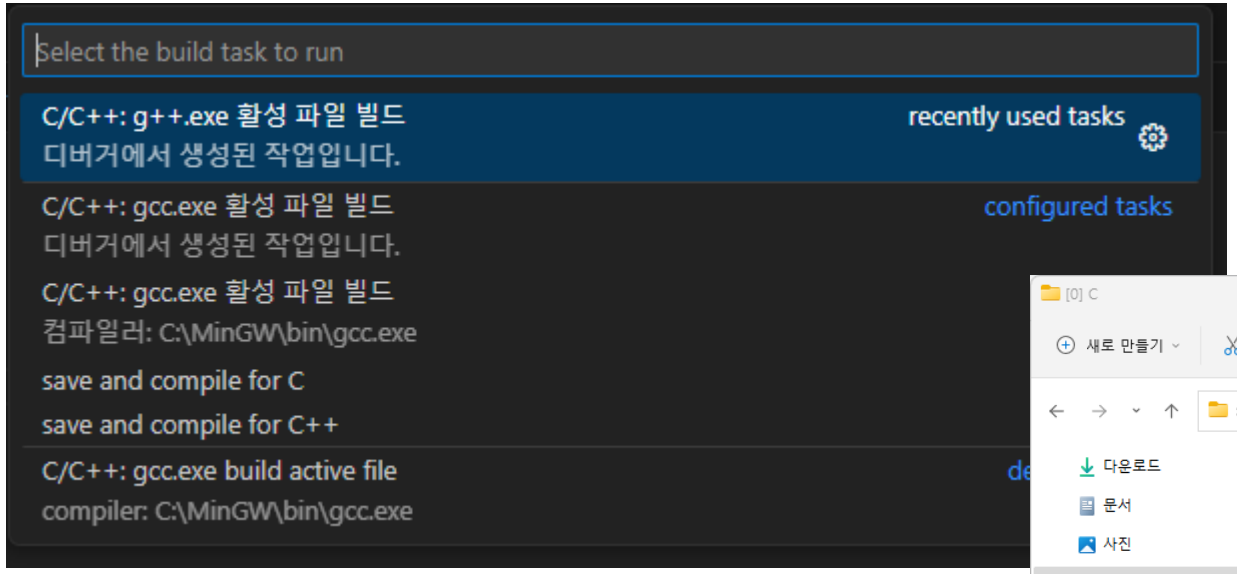
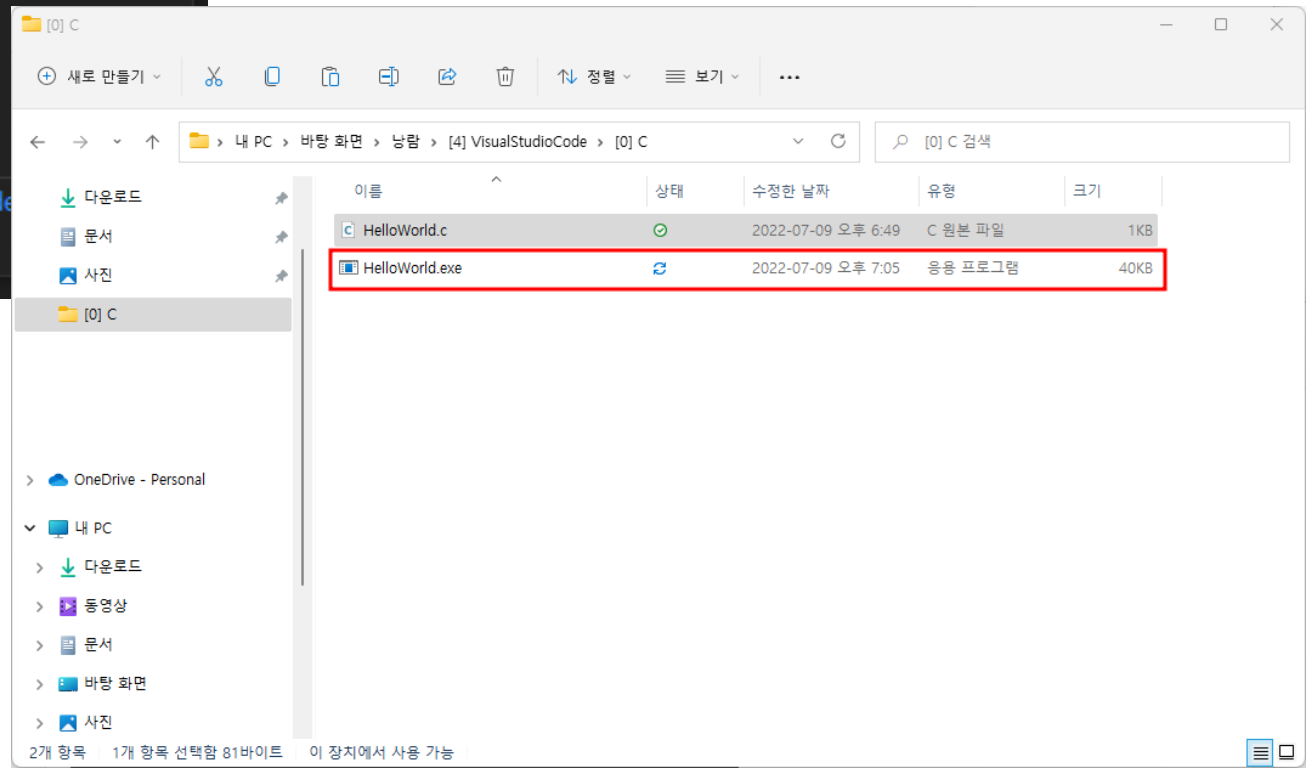
7. 이제 해보기 - ctrl + alt + c (.c -> .exe)





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7. 이제 해보기 - ctrl + alt + r