Setting up the VSCode C++ Debugger with CodeLLDB

Recent versions of VSCode have a regression error and are not filling in the launch.json file as they did in the past. Please use the following:

1. Change the "**-g**" compiler option in your *tasks.json* file to "**-gdwarf-2**"

2. Install the CodeLLDB extension in VSCode

3. Create a *launch.json* file with the following information:

Windows Users:

```json
{
    "version": "0.2.0",
    "configurations": [
        {
            "type": "lldb",
            "request": "launch",
            "name": "Debug",
            "program": "${fileDirname}\\${fileBasenameNoExtension}.exe",
            "args": [],
            "cwd": "${fileDirname}"
        }
    ]
}
```

MacOSX/Linux Users:

```json
{
    "version": "0.2.0",
    "configurations": [
        {
            "type": "lldb",
            "request": "launch",
            "name": "Debug",
            "program": "${fileDirname}/${fileBasenameNoExtension}",
            "args": [],
            "cwd": "${fileDirname}"
        }
    ]
}
```