## Installation Steps:

**Step 1: Install the C Compiler (GCC)**

1. Go to <https://osdn.net/projects/mingw/releases/>
2. **Download mingw-get-setup.exe.**
3. **Run the installer.**
4. **Checks the:**

* **mingw32-gcc-g++ (C and C++ compiler)**
* **mingw32-base**

1. **Click Installation > Apply Changes to download and install selected packages.**
2. **After installation, add the bin folder (usually C:\Ming W\bin) to the System Environment Variable Path.**

**Verify the path: open cmd ( GCC --version)**

### ****Step 2: Choose and Install an IDE****

**VS Code (Visual Studio Code)**

1. **Download and install from**: [https://code.visualstudio.com/](https://code.visualstudio.com/" \t "_new)
2. **Install GCC (Step 1)**.
3. **Install C/C++ extension:**

* **Open VS Code**
* **Go to Extension (ctrl+shift+X)**
* **Search and install “c,c++”**

1. **Configure build tasks:**
2. **Open a folder, create a .c file, and start coding.**

**OR**

**DEV C++**

1. **Download from:** <https://sourceforge.net/projects/orwelldevcpp/>
2. **Install and open IDE**
3. **Start a new project: File > New > Project > Console Application > C.**