

```
#include <stdio.h>
                                            #include <stdio.h>
                                                                                              #ifndef HELLO WORLD H
#include "hello world.h"
                                            #include "hello world.h"
                                                                                              #define HELLO WORLD H
 int main() {
                                            void hello world() {
                                                                                              void hello world():
    hello world();
                                               printf("Hello, World!\n"):
    return 0:
                                                                                              #endif // HELLO WORLD H
 gcc -shared -o hello world.dll hello world.c "-Wl.--out-implib.libhello world.a"
gcc main.c -o main.exe -L. -lhello world
                                                                          () Jaunchison X
() tasks ison
"version": "2.0.0".
                                                                            "version": "0.2.0"
"tasks": [
                                                                            "configurations": [
  "label": "Build DLL"
  "type": "shell",
"command": "cmd.exe"
                                                                                 "name": "Launch".
                                                                                 "type": "cppdbg",
  "ares": [
                                                                                 "request": "launch"
   "ecc -shared -o hello world.dll hello world.c -Wl.-out-implib.libhello world.a"
                                                                                 "program": "${workspaceFolder}/main".
                                                                                  'preLaunchTask": "Build Main".
  "group": "build",
                                                                                  "internalConsoleOptions": "openOnSessionStart".
                                                                                 "cwd": "${workspaceFolder}".
  "label": "Build Main"
  "type": "shell".
  "command": "cmd.exe"
 "args":[
"/C",
"gcc",
"main.c",
   "-o",
"main.exe",
   "-lhello_world
  group": (
"kind": "build"
   //"isDefault": true //you can uncomment this line after dll compilition
                                CTRL + SHIFT + B
                                 first select "Buid DLL" and
                                                                           Debug C/C++ File
                                 it will creat .dll and .a files
 Build DLL 4
                                                                           Run Code
                                                                                        Ctrl+Alt+N
                                 After we can "Build Main"
  C/C++: clexe build active file
                                                                  PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS GITLENS
                                                                   Warning: Debuggee TargetArchitecture not detected, assuming x86 64.
                                                                   =cmd-param-changed,param="args",value="2>CON 1>CON <CON"
                                 E ReadMexit
                                                                   [New Thread 20764.0x413c1
                                                                   [New Thread 28764, 9x64d8]
                                                                   [New Thread 20764.0x6144]
                                                                   Loaded 'C:\Windows\SvsWOW64\kernel32.dll', Symbols loaded,
                                                                   Loaded "C:\Windows\SyskOW64\KernelBase.dll", Symbols loaded.
                                                                   Loaded 'C:\Windows\SvsWOW64\msvcrt.dll', Symbols loaded,
                                                                   Loaded 'C:\Users\m.bayram\Desktop\PROJELER\Small_Projects\Draft_proj
                                                                ✓ Hello, World This Hello Comes From My newly created DLL File!
                                                                   The program 'C:\Users\m.bayram\Desktop\PROJELER\Small Projects\Draft
```

// hello world.c

// hello_world.h

// main.c