```
PS C:\Users\zp123_2zkvvkz\projects\csci_62\social_network> g++ user.cpp
C:/msys64/ucrt64/bin/../lib/gcc/x86_64-w64-mingw32/15.2.0/../../../../x86_64-w64-mingw32/bin/ld.exe: C:/msys64/ucrt64/bin/../lib/gcc/x86_64-w64-mingw32/15.2.0/../../../../lib/libmingw32.a(lib64_libmingw32_a-crtexewin.o): in function `main':
D:/W/B/src/mingw-w64/mingw-w64-crt/crt/crtexewin.c:62:(.text.startup+0xb6): undefined reference to `WinMain'
collect2.exe: error: ld returned 1 exit status
PS C:\Users\zp123_2zkvvkz\projects\csci_62\social_network>
```

```
PS C:\Users\zp123_2zkvvkz\projects\csci_62\social_network> g++ .\test_user_1.cpp user.cpp
PS C:\Users\zp123_2zkvvkz\projects\csci_62\social_network> ls


    Directory: C:\Users\zp123_2zkvvkz\projects\csci_62\social_network


Mode                 LastWriteTime         Length Name
----                 -------------         ------ ----
d-----         1/3/2026  10:43 PM                output
-a----         1/3/2026  10:49 PM         133704 a.exe
-a----         1/3/2026  10:48 PM            177 test_user_1.cpp
-a----         1/3/2026  10:47 PM             44 user.cpp
-a----         1/3/2026  10:44 PM             37 user.h


PS C:\Users\zp123_2zkvvkz\projects\csci_62\social_network> ./a.exe
PS C:\Users\zp123_2zkvvkz\projects\csci_62\social_network>
```

```
PS C:\Users\zp123_2zkvvkz\projects\csci_62\social_network> ls


    Directory: C:\Users\zp123_2zkvvkz\projects\csci_62\social_network


Mode                 LastWriteTime         Length Name
----                 -------------         ------ ----
d-----         1/3/2026  10:43 PM                output
-a----         1/3/2026  10:49 PM         133704 a.exe
-a----         1/3/2026  10:48 PM            177 test_user_1.cpp
-a----         1/3/2026  10:53 PM            239 test_user_header_guard.cpp
-a----         1/3/2026  10:47 PM             44 user.cpp
-a----         1/3/2026  10:44 PM             37 user.h


PS C:\Users\zp123_2zkvvkz\projects\csci_62\social_network> g++ .\test_user_header_guard.cpp .\user.cpp
In file included from .\test_user_header_guard.cpp:7:
.\user.h:1:7: error: redefinition of 'class User'
    1 | class User{
      |       ^~~~
In file included from .\test_user_header_guard.cpp:6:
.\user.h:1:7: note: previous definition of 'class User'
    1 | class User{
      |       ^~~~
PS C:\Users\zp123_2zkvvkz\projects\csci_62\social_network> g++ .\test_user_header_guard.cpp .\user.cpp
PS C:\Users\zp123_2zkvvkz\projects\csci_62\social_network>
```