

# Ctags Assignment

Q1. Should able to use ctags to navigate

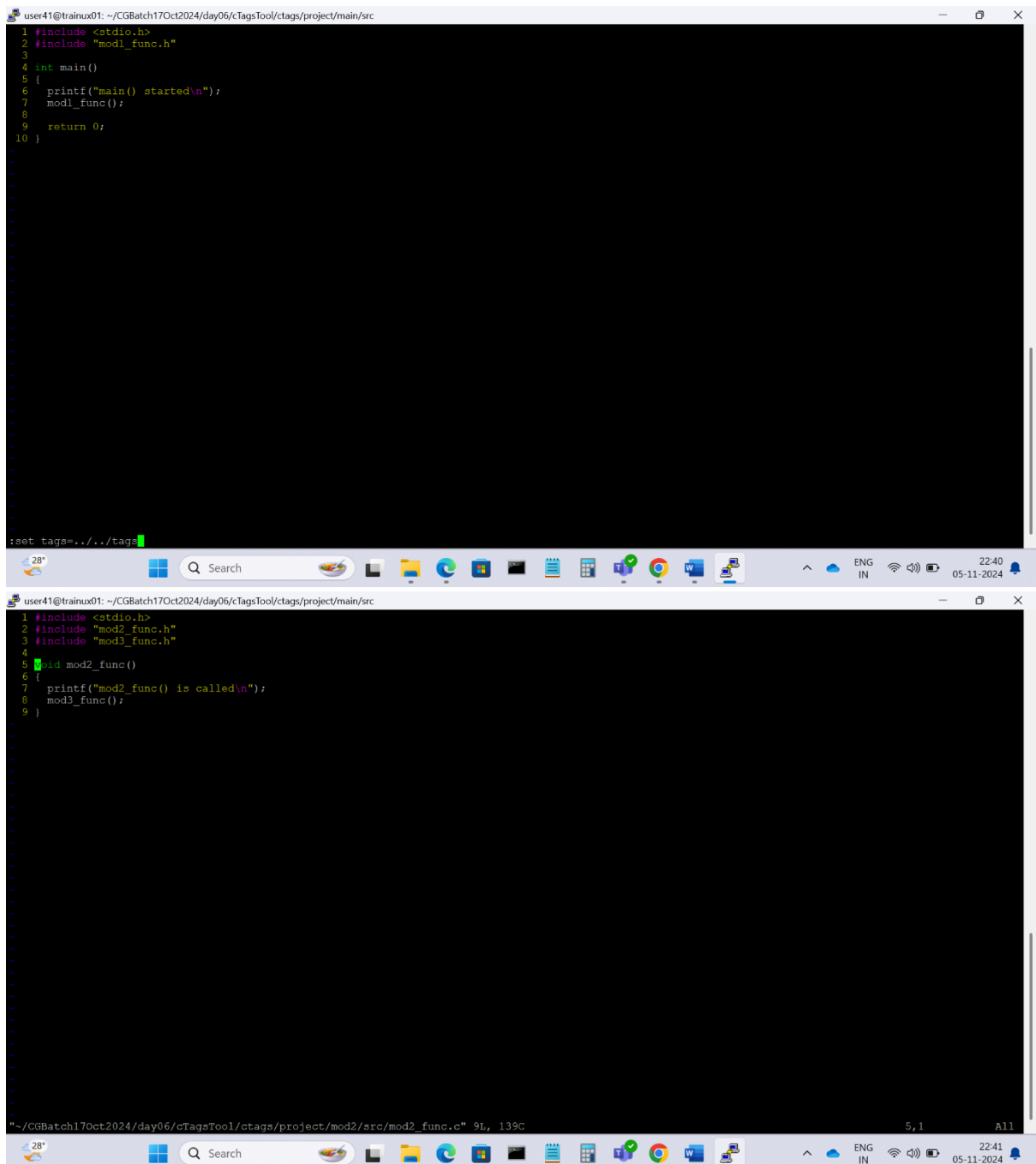
Ans: To generate the index data file \$ctags -R

vi main.c

:set tags=../..../tags

Position the cursor on mod1 and press ctrl] then mod 1 files open

Ctrl t then it will move backward



The image consists of two screenshots of a terminal window. The top screenshot shows a C program in `main.c` with includes for `stdio.h` and `mod1_func.h`. The command `:set tags=../..../tags` is entered at the bottom. The bottom screenshot shows the same terminal after pressing `Ctrl-]` from the `mod1` include, which has opened `mod2/src/mod2_func.c`. The status bar at the bottom of the terminal window shows the file path, line 5, column 1, and the character 'A'. The Windows taskbar is visible at the bottom of both screenshots, showing the date as 05-11-2024 and time as 22:40.

```
user41@trainux01: ~/CGBatch17Oct2024/day06/cTagsTool/ctags/project/main/src
1 #include <stdio.h>
2 #include "mod1_func.h"
3
4 int main()
5 {
6     printf("main() started\n");
7     mod1_func();
8
9     return 0;
10 }

:set tags=../..../tags

user41@trainux01: ~/CGBatch17Oct2024/day06/cTagsTool/ctags/project/main/src
1 #include <stdio.h>
2 #include "mod2_func.h"
3 #include "mod3_func.h"
4
5 void mod2_func()
6 {
7     printf("mod2_func() is called\n");
8     mod3_func();
9 }

~/CGBatch17Oct2024/day06/cTagsTool/ctags/project/mod2/src/mod2_func.c" 9L, 139C 5,1 All
```

```
user41@trainux01: ~/CGBatch17Oct2024/day06/cTagsTool/ctags/project/main/src
1 #include <stdio.h>
2 #include "mod2_func.h"
3 #include "mod3_func.h"
4
5 void mod2_func()
6 {
7     printf("mod2_func() is called\n");
8     mod3_func();
9 }

~/CGBatch17Oct2024/day06/cTagsTool/ctags/project/mod2/src/mod2_func.c" 9L, 139C 5,1 All
```

28° Search ENG IN 22:41 05-11-2024