

1: VS Code Remote SSH via GenAI

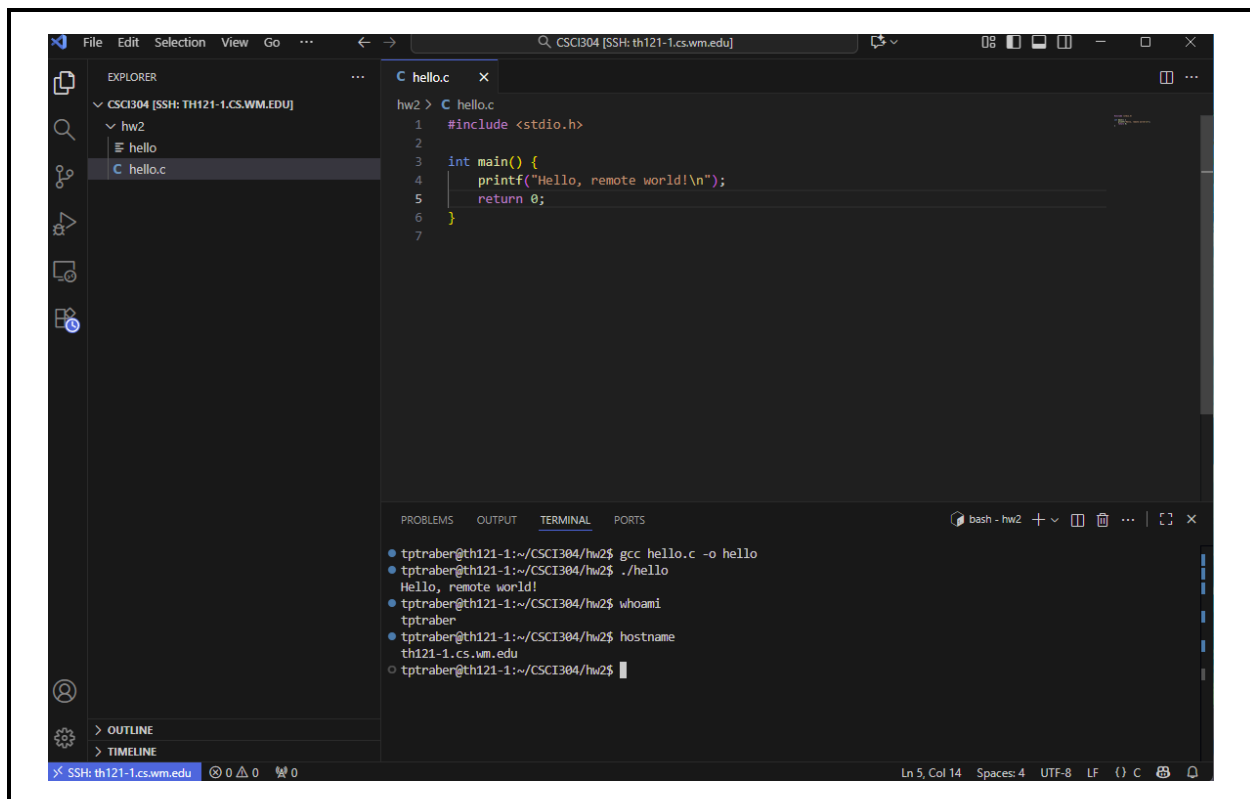
Prompts Used:

I used the following prompt to help setup my SSH connection:

I'm an undergraduate learning C. I need to use VS Code Remote-SSH with password to code on username@server-hostname. Give me a short plan (terminal login, VS Code connection, verification with hello.c).

Even though it was an example, I though it succinctly got the message across just as I would write it.

Verification



The screenshot displays the VS Code Remote SSH environment. The Explorer panel on the left shows the file structure of the remote host, including a directory 'hw2' containing a file 'hello.c'. The main editor window shows the contents of 'hello.c', which is a C program that prints 'Hello, remote world!'. The terminal panel at the bottom shows the execution of the program and other system commands.

```
hw2 > C hello.c
1  #include <stdio.h>
2
3  int main() {
4      printf("Hello, remote world!\n");
5      return 0;
6  }
7
```

```
bash - hw2
tptraber@th121-1:~/CSCI304/hw2$ gcc hello.c -o hello
tptraber@th121-1:~/CSCI304/hw2$ ./hello
Hello, remote world!
tptraber@th121-1:~/CSCI304/hw2$ whoami
tptraber
tptraber@th121-1:~/CSCI304/hw2$ hostname
th121-1.cs.wm.edu
tptraber@th121-1:~/CSCI304/hw2$
```

Problems I met:

I actually met no problems in this part.

Comments / thoughts

- I had already used SSH with VS code before, so this was more an experiment to see if ChatGPT could guide me to similar results
- Overall I was actually surprised how good the guide was and how clear the explanations were.
- Next time I might ask it to summarize the guide as it was giving a lot of redundant and irrelevant explication.