# Generative AI use statement

**Option 2: AI used**

I, [Jennifer Choubassi], hereby confirm that I used ChatGPT (chatgpt.com) to debug and check errors a handful of times. The tool(s) was/were used to provide assistance in debugging and understanding errors in code, or issues with execution. The output from the tool(s) was/were modified by fixing syntax and troubleshooting connectivity.

1. When using AI, I have ensured that the work produced is still my own and I understand that submitting unmodified output from a generative AI tool as my own is NOT acceptable. I understand that I am expected to build on the output, ensuring any submissions are my own ideas and knowledge.
2. I acknowledge awareness of any updates to the generative AI tools used, up to the date of this submission. This includes AI plug-ins or assistants included in existing programs, such as Grammarly. I take responsibility for any fabricated references or factual errors stemming from the use of these tools.
3. I have informed myself of the limitations and implications of using generative AI and related technologies, including the reinforcement of biases and propensity for fabrication.
4. I have used these tools ethically, including not uploading confidential, private, personal, copyrighted, or otherwise sensitive information.
5. To assist with maintaining academic integrity, I have appropriately acknowledged any use of generative AI in my work (list below as applicable).
6. I acknowledge that any undeclared use of generative AI will constitute academic dishonesty and will be dealt with according to relevant University policy.
7. I understand that I will be held accountable for any academic misconduct that arises in breach of any relevant University policy, as well as the consequences of such infringements.

Supporting evidence

### **Tool used: ChatGPT** chatgpt.com

**Date accessed:**Throughout assignment, mostly night of due date (April 14, 2025)

**Prompt(s) entered:**   
Asked to check my code and see why my code wouldn’t bind and would no listen for connections on port 1234. I tried debugging and could get comments saying getaddrrinfo succeeded and bind successful.

A screenshot of a computer

AI-generated content may be incorrect.

1. **Prompt output(s):**  
   “❌ You're calling freeaddrinfo(result); **twice** — once **after bind()** and once again **after listen()**.  
   → This can cause undefined behavior or crashes.
2. ❌ You're using exit(1); without cleanup on Windows.  
   → You should also call closesocket() and WSACleanup() when things go wrong on Windows.
3. ❌ You're missing logging (printf(...)) to help confirm success.”

**Modification for assessment:**  
It looks like one of us, while working on this, put the freeaddrinfo(results) in several commands and repeated in some while trying to fix the issue (that was me). In trying to fix the issue I managed to over complicate things, so this helped catch what turned out to be easy. I also, in my process of fixing, had the incorrect exit codes as I confused the 0 and 1s.

**Contribution to learning:**  
I think once a project gets big enough, it can be overwhelming and I find keeping syntax and code in general to be difficult. This helped me look through the rest of the code for silly mistakes and actually helped me get more comfortable adding debugging to other parts of the code so I could catch issues. Otherwise, this project is very common on GitHub and Stack Overflow, dating back almost decades, as well as some IBM articles and our notes, so there were a lot of resources I could use.