Team Algae Challenge #1

- Created a file to convert the string of words into binary
- Used the binary_to_ascii.py file to convert the binary to words
- Ran the output through this an atbash converter
- Ran the encrypted username and password through the vigenere cipher with the key cyberstorm 5 times each
- Used the kayleeprogram3.py file to log in to server to collect encrypted message and decrypt it
- Got the output: Have you reconsidered a computer career? At time 11:54AM

Andrew:

I wrote a function to convert the binary from words to actual binary and I helped use the vigenere.py file to find the username and password required to log into the server.

Kaylee:

Logged into the server and navigated through server to help find the message.

Hayden:

I created the file that converted the plaintext binary to actual binary. I then converted the actual binary to text and ran it through an atbash cipher. I found the password using a Vigenère cipher.

Tommy:

I attempted to create a file to convert the plaintext binary to actual binary, but someone else completed it before I finished. Used Kaylee's Program 3 to figure out the "Have you reconsidered a computer career?" message. Also provided moral support for my team 😊.

John:

I found first found that we need to change the filetype of the download from blank to a txt. Here I found that the file was filled with 'zero' and 'one'. I also worked on building the code to decipher this and it worked for me. I also checked the head of the file to see if there was any hidden message. Finally, I used client.py and fetch.py files from class to check for any more hidden information.

Gabe:

Supplied ideas on how where we would start before, we had figured anything out.  I then bounced ideas off of my other group mates before trying to write a code that would convert the starting file into binary. Helped to write the vigenere python code that we used to find the username and password for the server. Before I had the encrypted messages we were trying to decode I was trying to help the person typing in the code when we could not figure out. Once I got the text we were trying to decrypt I then used the vigenere code to figure out the username and password and then put those in the discord for people to easily use. I then put the final message into the discord to be checked.

Timothy:

I tried to use the vigenere program to obtain the username and password, but I didn't do it the right number of times. I also tried to look at the FTP content, but I had IP issues.