

Nice Netcat

```
(kali㉿kali)-[~/Desktop/picoctf/nice_netcat]
$ nc mercury.picoctf.net 21135 > nice_netcat.txt
(kali㉿kali)-[~/Desktop/picoctf/nice_netcat]
$ cat nice_netcat.txt
112
105
99
111
67
84
70
123
103
48
48
100
95
107
49
116
116
121
33
95
110
```

Using the given command, data was returned.

The output was piped into a text file for analysis.

Because there were repeating number and they all appeared to be within a similar range, I suspected it was the integer representation of ascii characters.

I used chatgpt to generate a python script to decode this.

RY

I have a file that contains an integer on each line. Can you please write a python script that reads in the data from this file, and converts each integer to ascii, then appends to a string?



Certainly! You can use Python to read integers from a file, convert them to ASCII characters, and append them to a string. Here's a Python script to do that:



python

Copy code

```
# Define the file path
file_path = "your_file.txt" # Replace with the actual file path

# Initialize an empty string to store the ASCII characters
ascii_string = ""

# Open the file for reading
with open(file_path, "r") as file:
    # Read each line in the file
    for line in file:
        try:
            # Convert the integer on each line to ASCII character and append
            ascii_char = chr(int(line.strip()))
            ascii_string += ascii_char
        except ValueError:
            print(f"Skipping invalid line: {line.strip()}")

# Print the resulting ASCII string
print("Resulting ASCII string:")
print(ascii_string)
```

Regenerate

```
# Define the file path
file_path = "your_file.txt" # Replace with the actual file path

# Initialize an empty string to store the ASCII characters
ascii_string = ""

# Open the file for reading
with open(file_path, "r") as file:
    # Read each line in the file
    for line in file:
        try:
            # Convert the integer on each line to ASCII character and append
            # to the string
            ascii_char = chr(int(line.strip()))
            ascii_string += ascii_char
```

```
except ValueError:
    print(f"Skipping invalid line: {line.strip()}")

# Print the resulting ASCII string
print("Resulting ASCII string:")
print(ascii_string)
```

Running the script generates the flag

```
(kali㉿kali)-[~/Desktop/picoctf/nice_netcat]
$ python nice_gpt.py
Resulting ASCII string:
picoCTF{g00d_k1tty!_n1c3_k1tty!_afd5fda4}
```