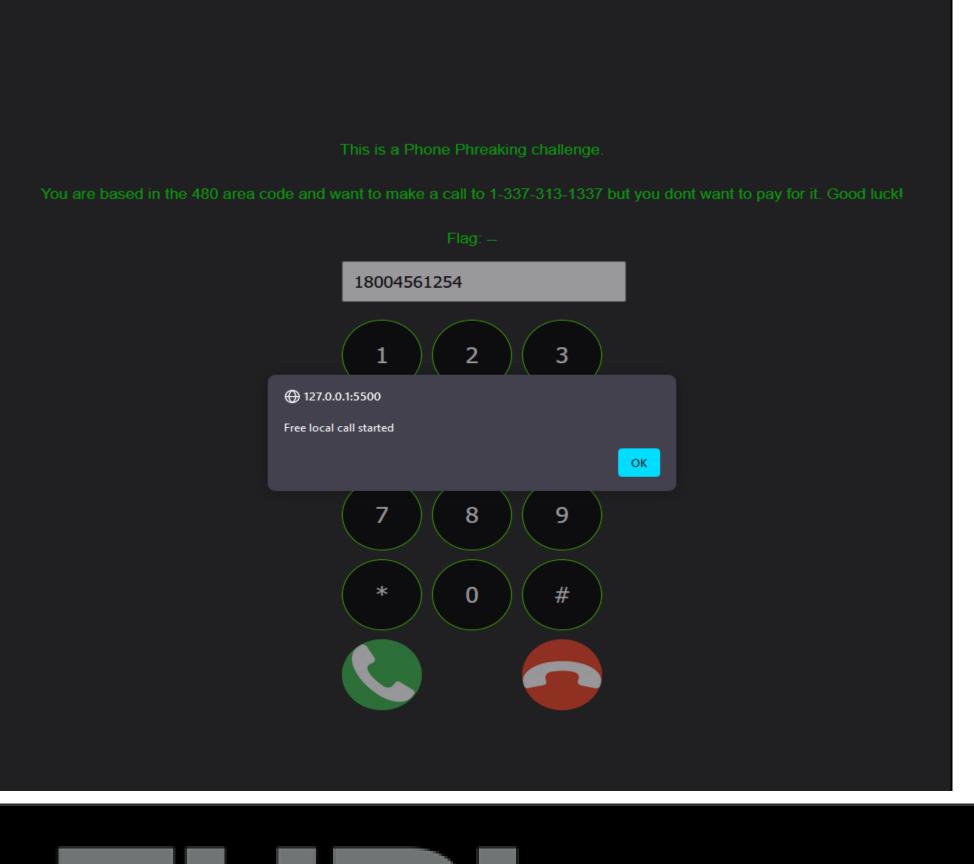
## **Research Question:**

How can early interest in Cyber Security be fostered among students?

### **Introduction:**

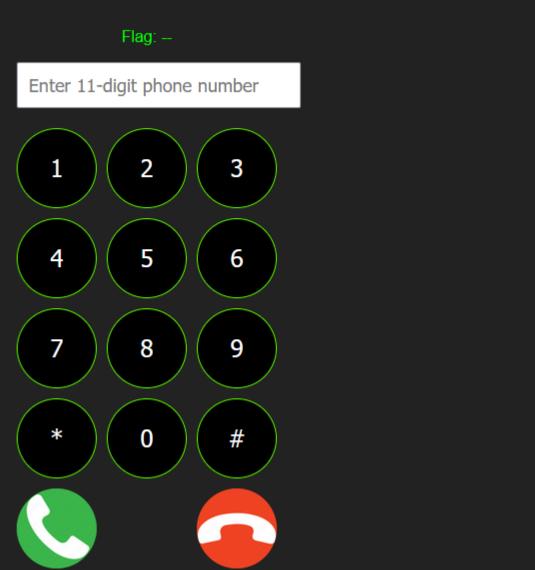
This research project focuses on creating engaging cybersecurity challenges for students, with a specific emphasis on phone phreaking techniques. We delve into the historical significance, approachability, and educational value of phone phreaking as an introductory learning experience in cybersecurity.

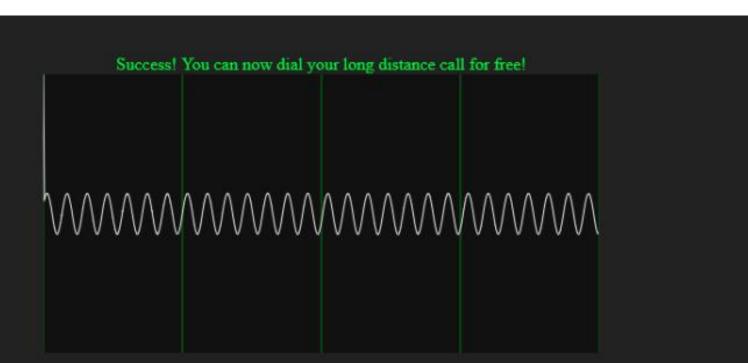


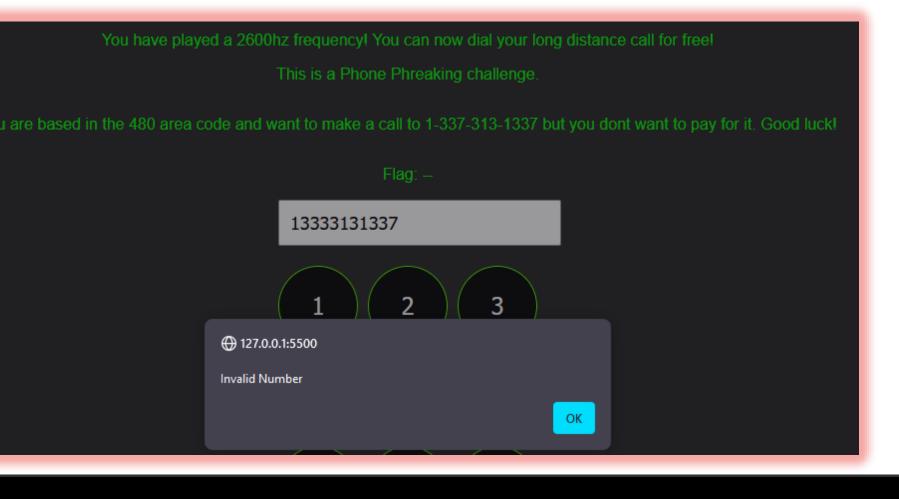
## Cyber Challenges for Novice Learners Cody Walter, Computer Science (Cyber Security) Mentor: Yan Shoshitaishvili Ira A Fulton School of Engineering, ASU

You have played a 2600hz frequency! You can now dial your long distance call for free! This is a Phone Phreaking challenge.

are based in the 480 area code and want to make a call to 1-337-313-1337 but you dont want to pay for it. Good luck







# Unlocking Phreaking:

Phreaking: historical significance of phone phreaking and its relevance in modern cybersecurity education. We explore its unique combination of historical exploitation, ease of understanding, and universal familiarity with phone systems, making it an ideal starting point for novice learners.

#### **Future Research:**

The future of this research would follow along with additional topics that appear in early computer science and cybersecurity courses to get students more comfortable with this challenge based format of learning.



You have played a 2600hz frequency! You can now dial your long distance call for free! This is a Phone Phreaking challenge.

ou are based in the 480 area code and want to make a call to 1-337-313-1337 but you dont want to pay for it. Good luck!

Flag: pwn.college{secret\_flag}

13373131337

**Unlocking Cybersecurity Learning with Phone** 

