Steganomobile CTF Writeup

This document is a walkthrough on one way to solve the **Steganomobile CTF** on **RootMe**. The objective is to explain how I was able to solve this CTF to my future self.
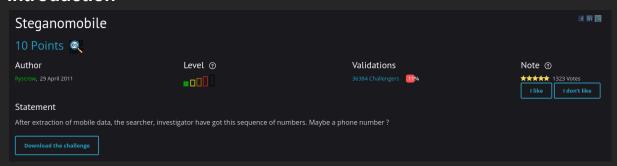
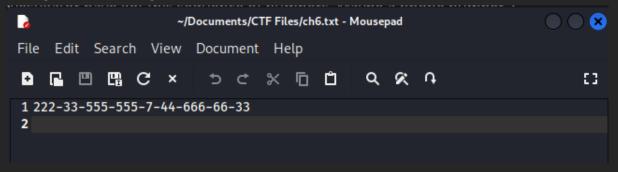## General Information

- *Difficulty:* Very Easy
- *Category:* Steganography
- *Link:* Challenge - Steganomobile - RootMe

Introduction

We're given the following text file:

222-33-555-555-7-44-666-66-33, what could this mean ?
The challenge description hints that it has something to do with phones and numbers

Effectively, after searching for a bit, we see that this message was constructed using the **Multi-Tap** tool, which was used on Nokia phones for instance, in order to type text messages.

We can deduce the following table:

A	2	B	22
C	222	D	3
E	33	F	333
G	4	H	44
I	444	J	5
K	55	L	555
M	6	N	66
O	666	P	7
Q	77	R	777
S	7777	T	8
U	88	V	888
W	9	X	99
Y	999	Z	9999

Deciphering the message, it gives us **"C-E-L-L-P-H-O-N-E"**, and after some trial and error, we have the following password: **cellphone**