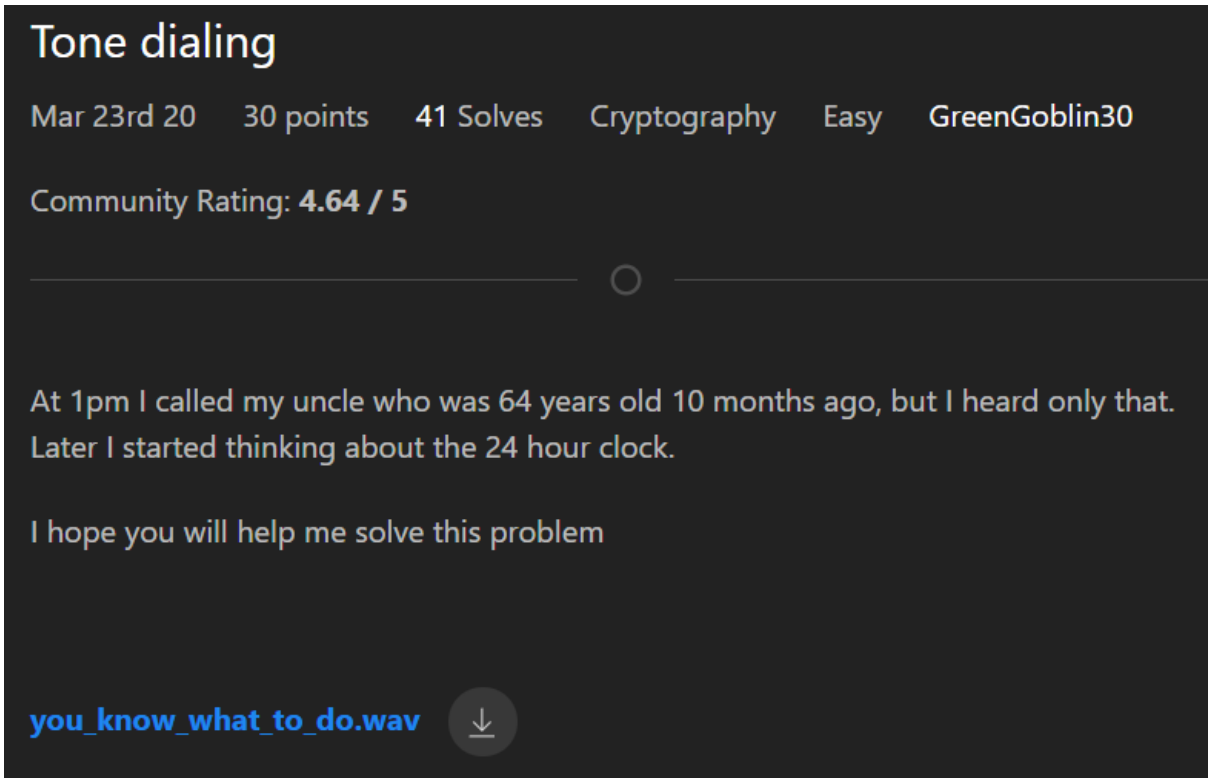
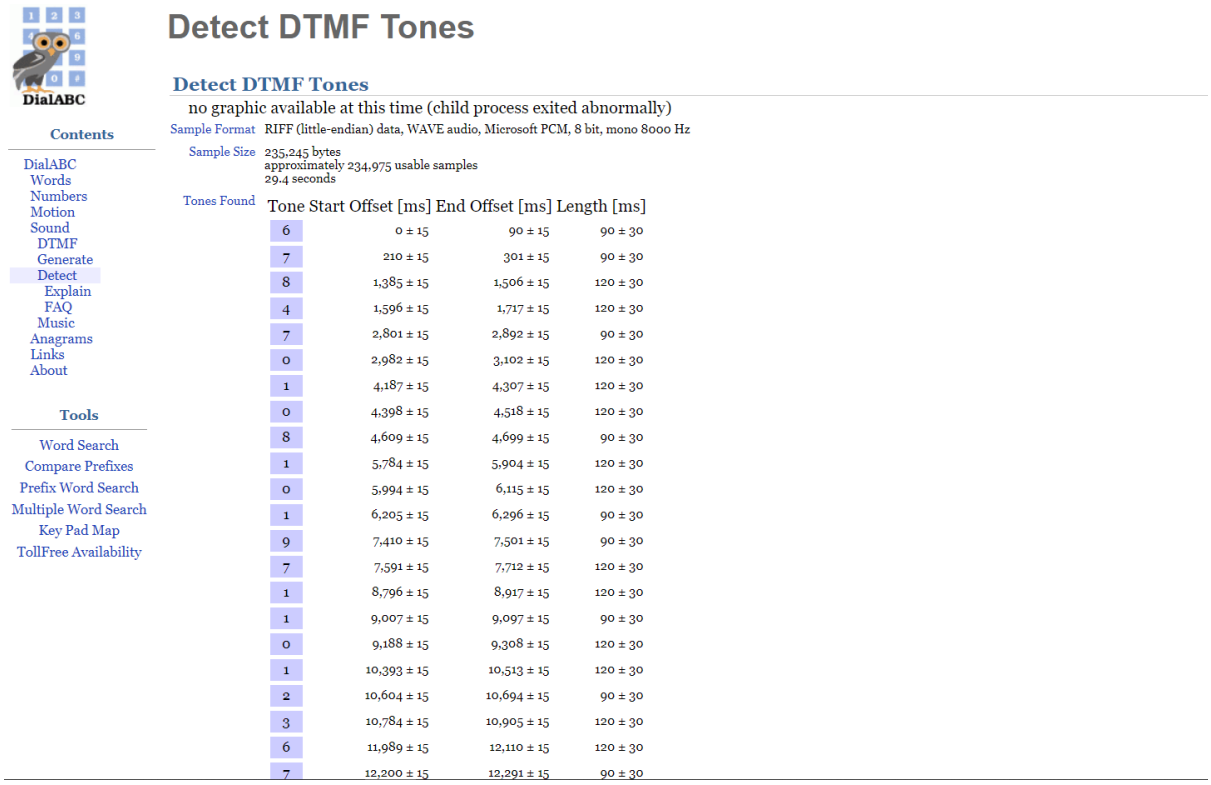
Tone dialing-



After listening this wav file, I just go and find out the dtmf tone.



DialABC

Contents

DialABC
Words
Numbers
Motion
Sound
DTMF
Generate
Detect
Explain
FAQ
Music
Anagrams
Links
About

Tools

Word Search
Compare Prefixes
Prefix Word Search
Multiple Word Search
Key Pad Map
TollFree Availability

Detect DTMF Tones

Detect DTMF Tones

no graphic available at this time (child process exited abnormally)

Sample Format: RIFF (little-endian) data, WAVE audio, Microsoft PCM, 8 bit, mono 8000 Hz

Sample Size: 235,245 bytes
approximately 234,975 usable samples
29.4 seconds

Tones Found

Tone	Start Offset [ms]	End Offset [ms]	Length [ms]
6	0 ± 15	90 ± 15	90 ± 30
7	210 ± 15	301 ± 15	90 ± 30
8	1,385 ± 15	1,506 ± 15	120 ± 30
4	1,596 ± 15	1,717 ± 15	120 ± 30
7	2,801 ± 15	2,892 ± 15	90 ± 30
0	2,982 ± 15	3,102 ± 15	120 ± 30
1	4,187 ± 15	4,307 ± 15	120 ± 30
0	4,398 ± 15	4,518 ± 15	120 ± 30
8	4,609 ± 15	4,699 ± 15	90 ± 30
1	5,784 ± 15	5,904 ± 15	120 ± 30
0	5,994 ± 15	6,115 ± 15	120 ± 30
1	6,205 ± 15	6,296 ± 15	90 ± 30
9	7,410 ± 15	7,501 ± 15	90 ± 30
7	7,591 ± 15	7,712 ± 15	120 ± 30
1	8,796 ± 15	8,917 ± 15	120 ± 30
1	9,007 ± 15	9,097 ± 15	90 ± 30
0	9,188 ± 15	9,308 ± 15	120 ± 30
1	10,393 ± 15	10,513 ± 15	120 ± 30
2	10,604 ± 15	10,694 ± 15	90 ± 30
3	10,784 ± 15	10,905 ± 15	120 ± 30
6	11,989 ± 15	12,110 ± 15	120 ± 30
7	12,200 ± 15	12,291 ± 15	90 ± 30

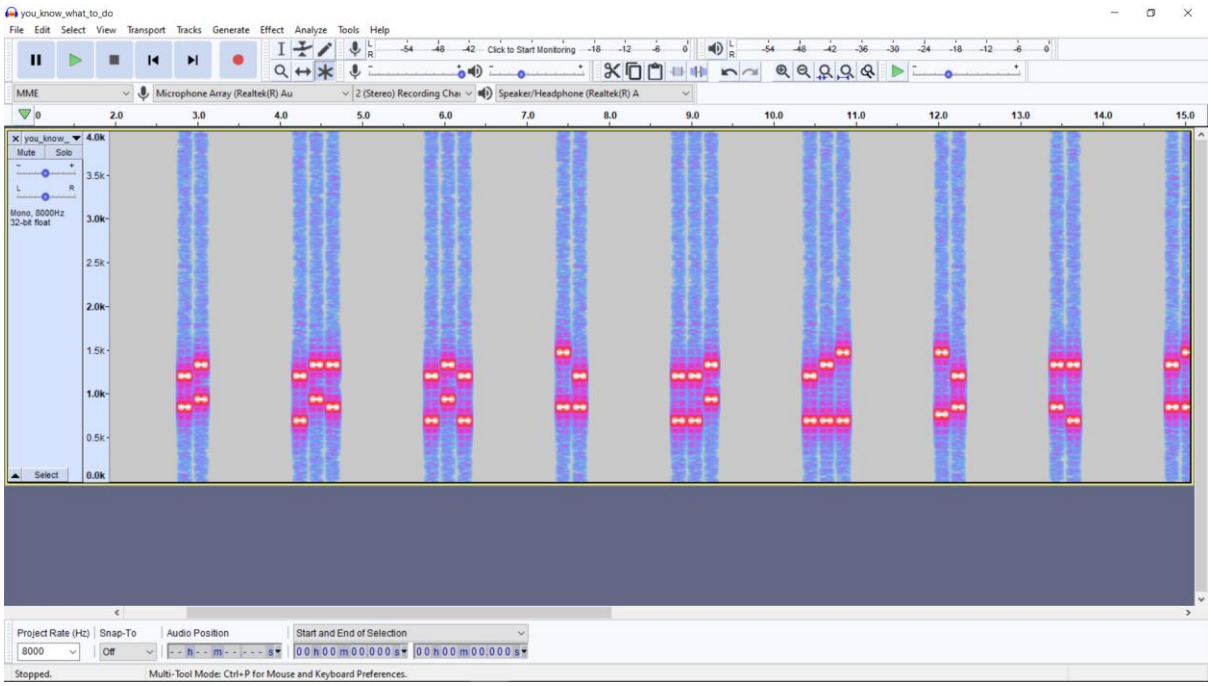
DTMF tone I got was

6784701081019711012367828980847971826580728912 5

At this stage I got stuck for a while and don’t know how to decode these numbers.

Then I open this wav file Audacity and checked the spectrogram

There I got the correct sequence of these number.



67 84 70 108 101 97 110 123 67 82 89 80 84 79 71 82 65 80 72 89 125

Converting these decimals to ascii I got the flag.

Flag is: CTFlean{CRYPTOGRAPHY}