

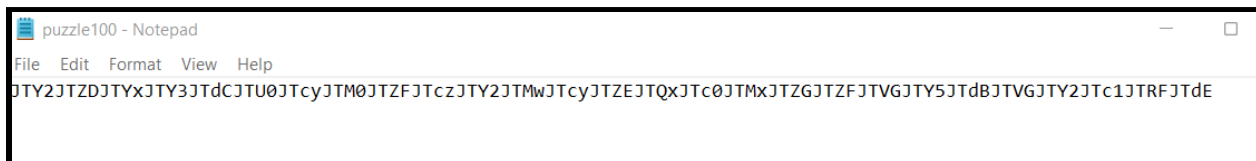
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## ICTFF COMPETITION 2022

### CHALLENGE :

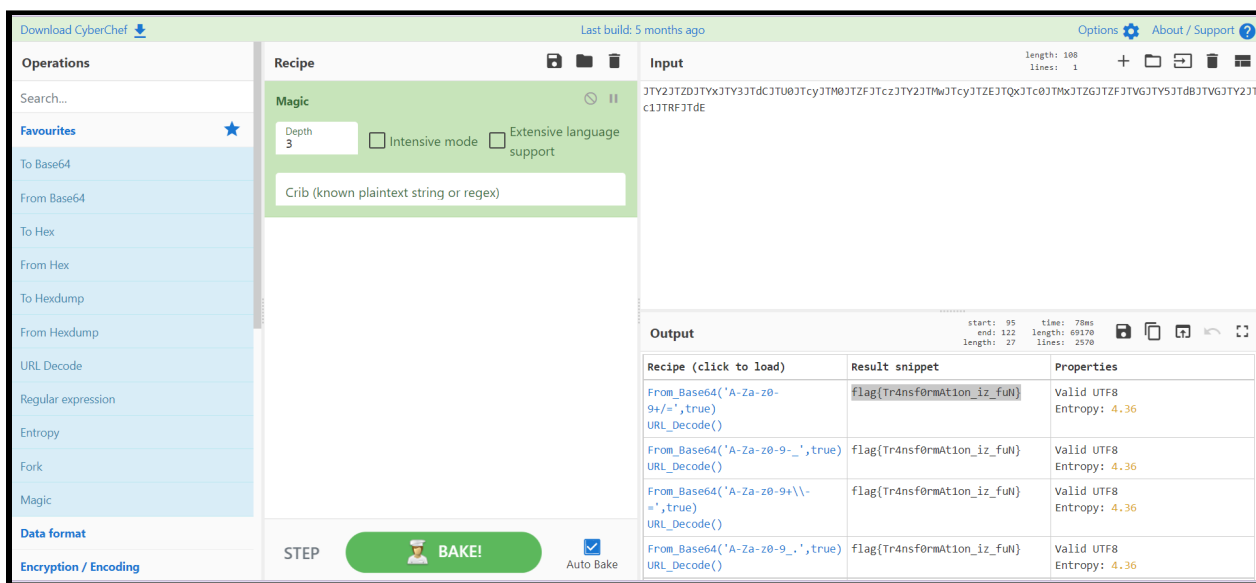
#### 1. Puzzle (puz100)

First, extract the file and open it on notepad.



Next, decode using website CyberChef. Go to favourites and choose option magic. Paste it on the input. Then, it will show the output. In the output, it show result snippet.

The flag : **flag{Tr4nsf0rmAt1on\_iz\_fuN}**



The screenshot shows the CyberChef interface with the following details:

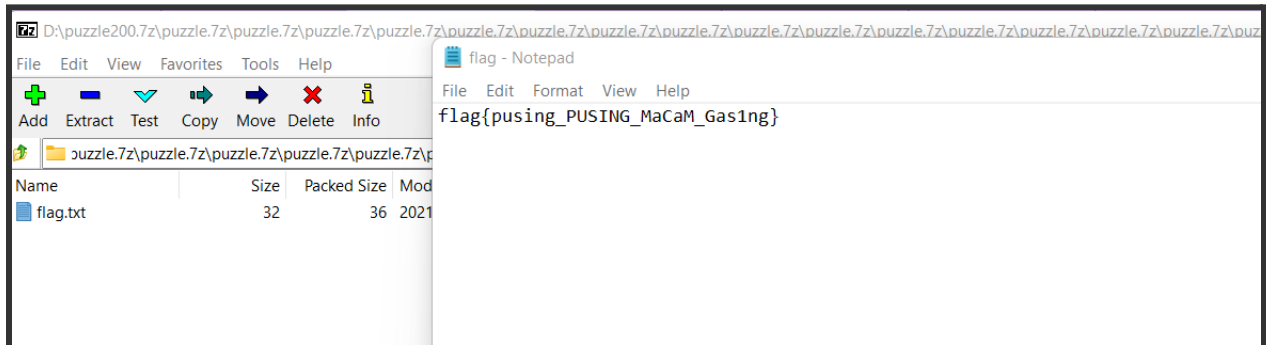
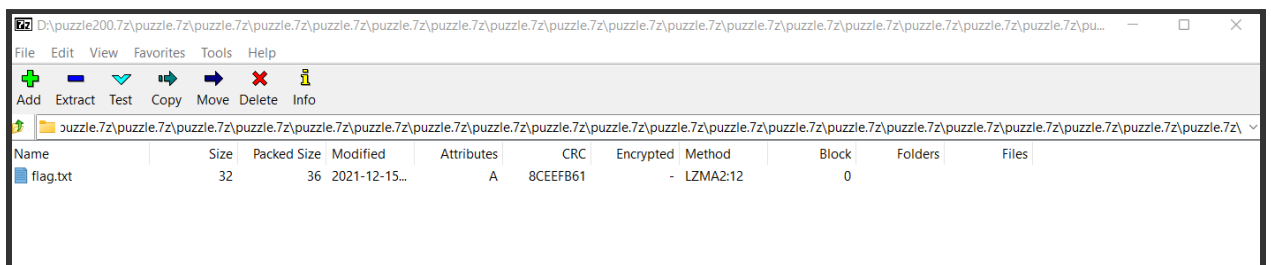
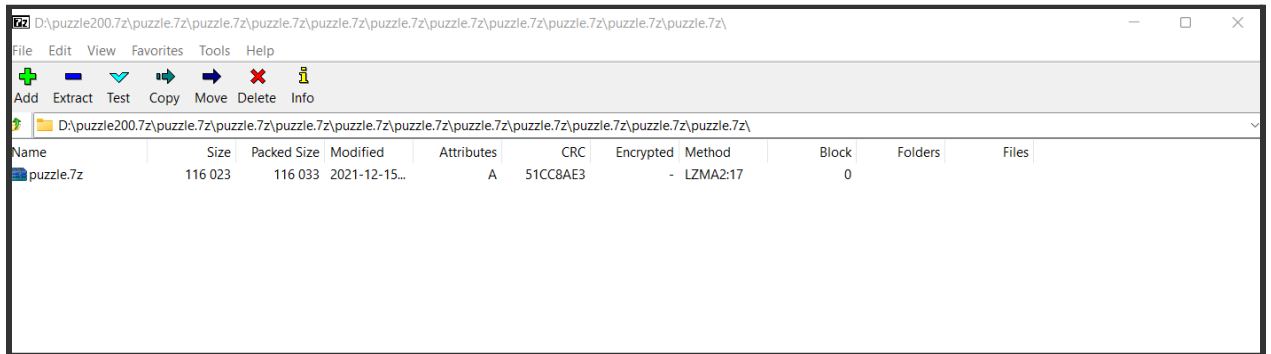
- Operations Panel:** 'Magic' is selected under 'Favourites'.
- Recipe Panel:** 'Magic' is selected. Settings include Depth 3, Intensive mode (unchecked), and Extensive language support (unchecked). A 'Crib' field is present.
- Input Panel:** Contains the Base64 string: JTY2JTZD3JTYxJTY3JTdCJTU0JTcyJTM0JTZFJTczJTY2JTMwJTcyJTZEJTQxJTc0JTMxJTZGJTZFJTVGJTY5JTdB3TVGJTY2JTc1JTRFJTDE.
- Output Panel:** Shows a table of results. The first row is highlighted, showing the result snippet: flag{Tr4nsf0rmAt1on\_iz\_fuN}.

Recipe (click to load)	Result snippet	Properties
From_Base64('A-Za-z0-9+/',true) URL_Decode()	flag{Tr4nsf0rmAt1on_iz_fuN}	Valid UTF8 Entropy: 4.36
From_Base64('A-Za-z0-9_',true) URL_Decode()	flag{Tr4nsf0rmAt1on_iz_fuN}	Valid UTF8 Entropy: 4.36
From_Base64('A-Za-z0-9+\\ \\-','=',true) URL_Decode()	flag{Tr4nsf0rmAt1on_iz_fuN}	Valid UTF8 Entropy: 4.36
From_Base64('A-Za-z0-9_',true) URL_Decode()	flag{Tr4nsf0rmAt1on_iz_fuN}	Valid UTF8 Entropy: 4.36

## 2. Puzzle (puz200)

First, we need to extract the file. Then, open it in the 7-zip. Open the file and it show flag.txt. When we open the file, it will show the flag in notepad.

The flag : `flag{pusing_PUSING_MaCaM_Gas1ng}`



### 3. Forensic (for200)

First, we need to extract the file and insert into 7-zip. Next, click the file and choose file flag.png. It will show the flag in the photos.

The flag : **for{FORENSIC\_101}**

