Flag in Flame

Flag : picoCTF{forensics_analysis_is_amazing_5ccc7cb0}

Solution Approach

1. Given a log file named logs.txt which is unusually large log file . So first i will check the head of the file and wont open the file in whole as it is very big .

2. After running the command `head -n 20 logs.txt` i found that the logs are looks like a base64 encoded .

3. So i decode the base64 using `base64 -d logs.txt > mysteriousfile`

4. The mystirious file is a png image


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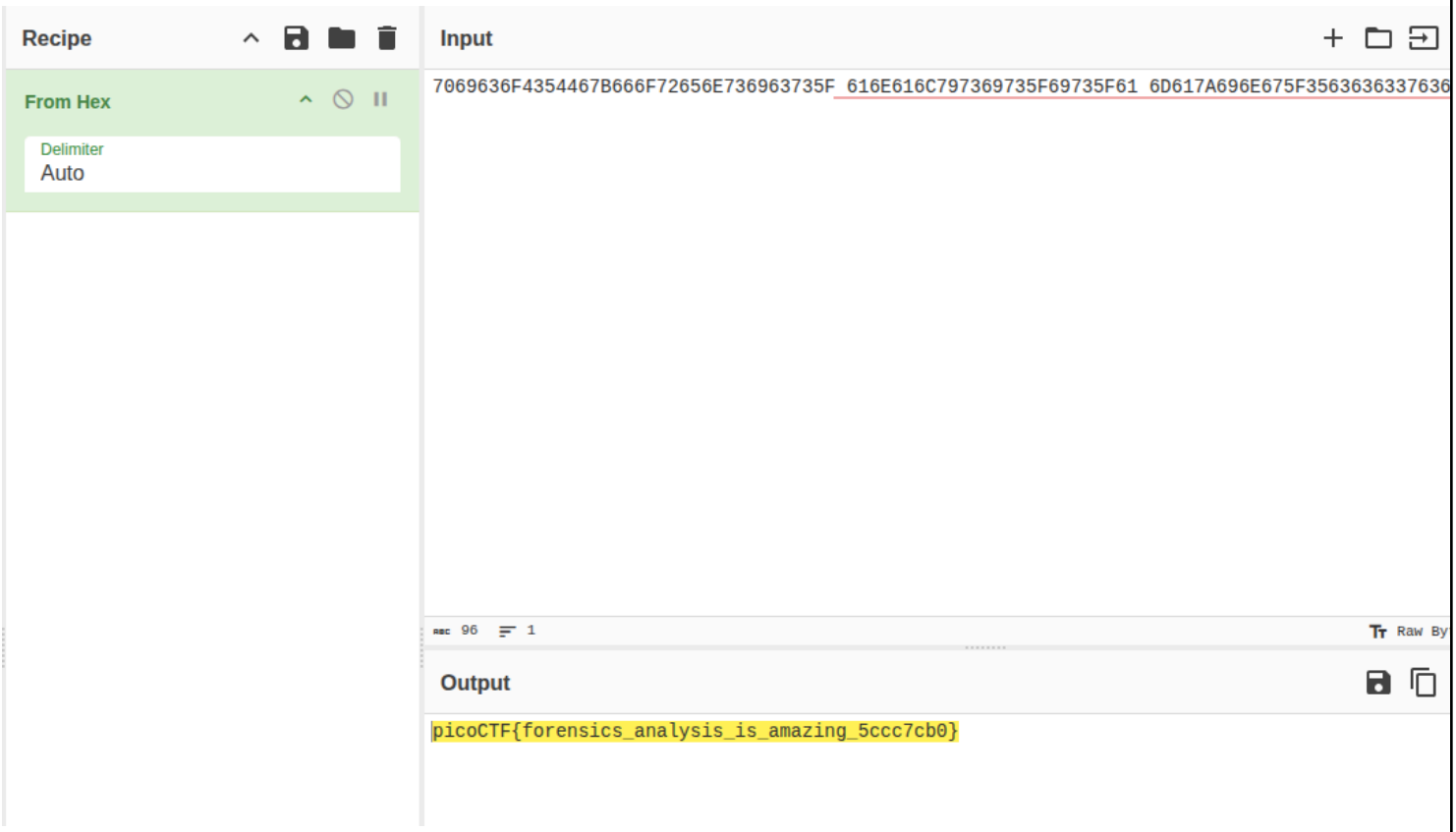
7069636F4354467B666F72656E736963735F616E616C797369735F69735F616D617A696E675F356363633763623

5. Then i extract the Text in image using `tesseract image.png output`

6. The image contains some numbers which are hex encoded so i open the Cyber Chef and convert the hex into readable text



7. I got the FLAG !