

# HackTheBox – Decode Me!! Write Up

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Tools:

- Fernet decoder (<https://asecuritysite.com/encryption/ferdecode>)
- Base64 decoder (<https://www.base64decode.org/>)
- Malboge Tools (<https://zb3.me/malbolge-tools/>)

Walkthrough:

Step	Description
1	Unzip the file from the zip file. The file extracted from the zip file is "Decode.txt".
2	The text file contains a cipher text.  993gmULBNujjrZCDev3W8kAVaLkXiyHhCL3500188bA=  gAAAAABboRUb0FsuiYBk1tsXRDr6KAzU1xrNSUv7grB-G- dAEeyqj99kUebz466I2VcH5xDa5HEc5KkbgTkIQ7tm9JCRPIJtRng1Ns3VEvbrk 7B835OINfPnRbc- UIOnnCmW3CgMdMtf5wGLN299AZEzxIvuy71WC5d9xJDchyiORycuzCth95- 4nTKphlNQ2ko3DX72RxWeEjwt3mavnFXqcOCkGxUhJYmFltz_6ND56VGT rXZi_CK5xLODOX4sj1GNwN_CrU3sJ0obTdA2wF5OaDZLbA1GBPfK0PDIC 9WxoUf85K0tFXKfqbt3c5YqtqfytNG5gTkBDFM2NjE7BveBf1DP9ca8g==
3	The cipher text was first decrypted through the Fernet decryption method.  Key = 993gmULBNujjrZCDev3W8kAVaLkXiyHhCL3500188bA=
4	The result of the decryption is another cipher text that seems to be encrypted in Base64. Moving on, the cipher text was tested and decrypted from Base64.
5	After decrypting the Base64 cipher text, it revealed another form of text. Portions of the text "D`N^98" was searched in Google and it led to a clue relating to Malboge and Esoteric languages.
6	The text revealed to be written Malboge programming language and it was copied and executed in <a href="https://zb3.me/malbolge-tools/">https://zb3.me/malbolge-tools/</a> to obtain the flag.

Flag is HTB{Please find the flag yourself ☺}