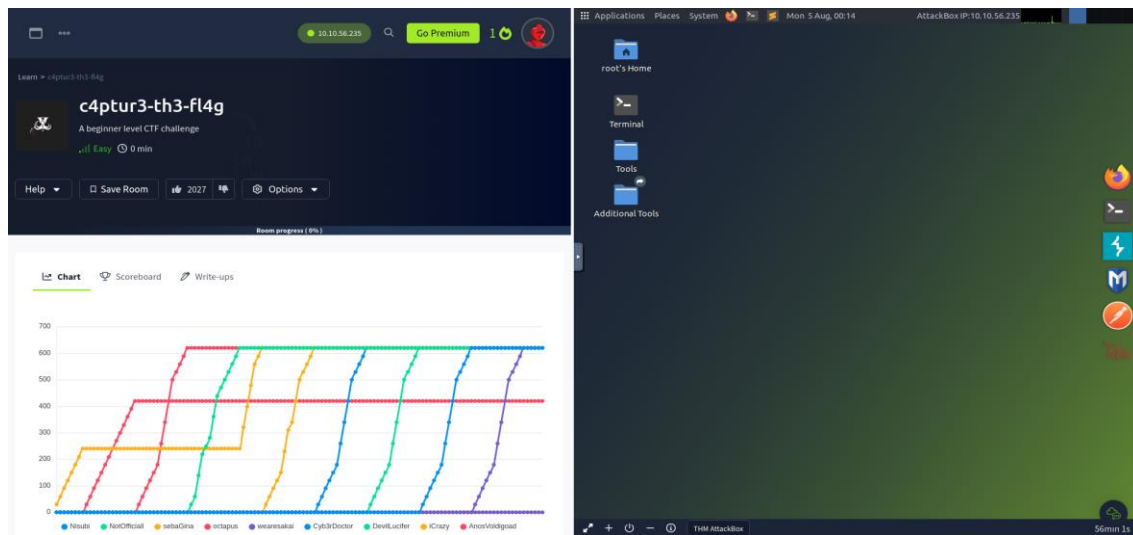




C4ptur3-th3-fl4g

C4ptur3-th3-fl4g es una maquina bastante sencilla que no toma mas de 15 minutos el poder resolverla y el proposito es poder obtener información como decodificar, descifrar y extraer datos ocultos.

Lo primero es iniciar la maquina mediante la VPN que ofrece TryHackMe, una vez conectada e iniciada la maquina, tienen una hora para poder resolverla sin la membresia mensual.



Tarea 1: Traducción y desplazamiento:

Pregunta 1: c4n y0u c4p7u23 7h3 f149?

Respuesta: can you capture the flag? (¿Puedes capturar la bandera?)

c4n y0u c4p7u23 7h3 f149?

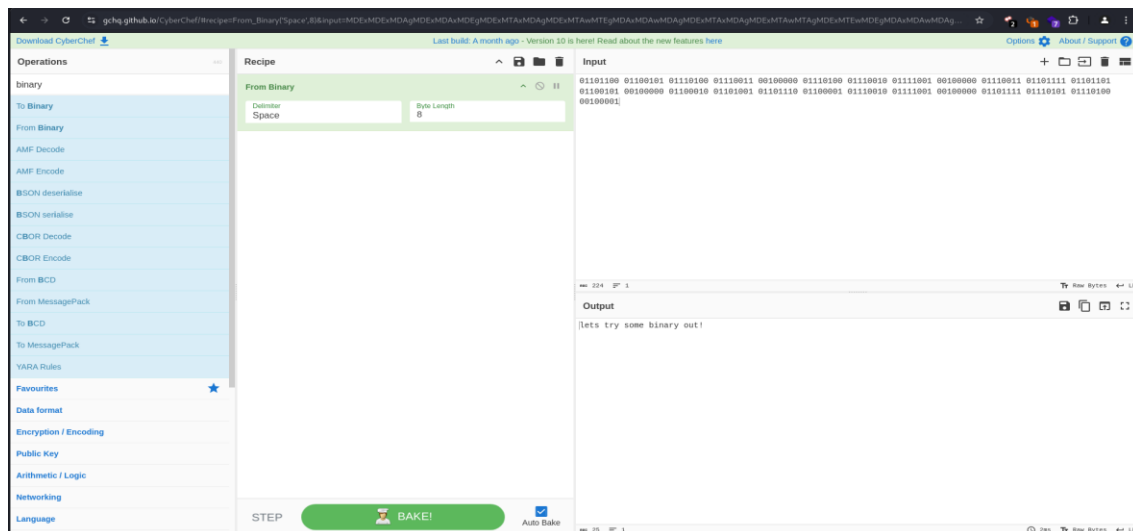
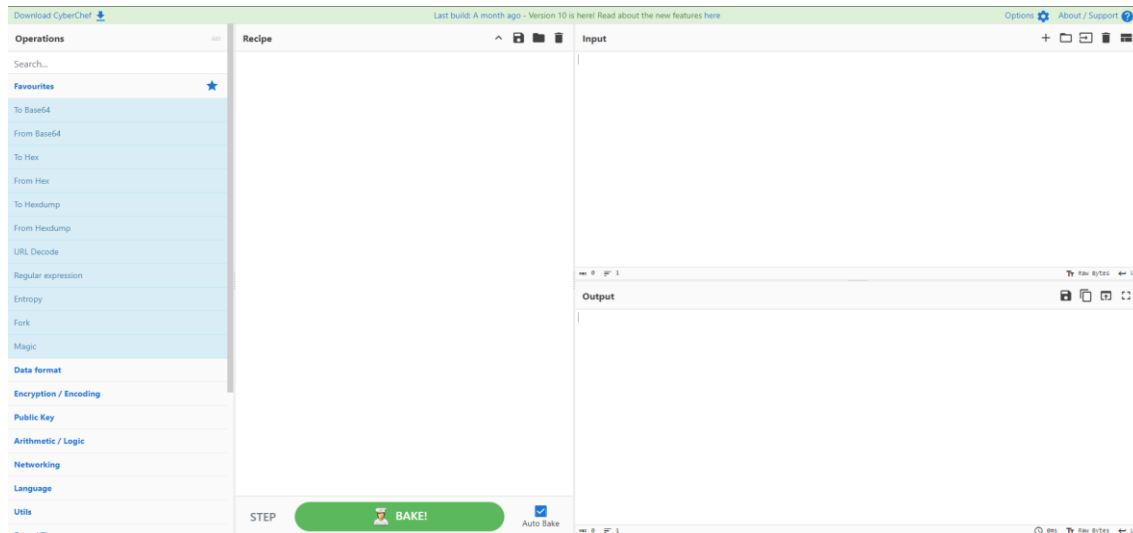
can you capture the flag?

✓ Correct Answer



Pregunta 2: 01101100 01100101 01110100 01110011 00100000 01110100 01110010 01111001
00100000 01110011 01101111 01101101 01100101 00100000 01100010 01101001 01101110
01100001 01110010 01111001 00100000 01101111 01110101 01110100 00100001

Aquí con el browser de preferencia ingresar a la página <https://gchq.github.io/CyberChef/> indicada en la imagen:



Respuesta: lets try some binary out! (¡Probemos con algo de código binario! (Codificación binaria))

01101100 01100101 01110100 01110011 00100000 01110100 01110010 01111001 00100000 01110011 01101111 01101101
01100101 00100000 01100010 01101001 01101110 01100001 01110010 01111001 00100000 01101111 01110101 01110100
00100001

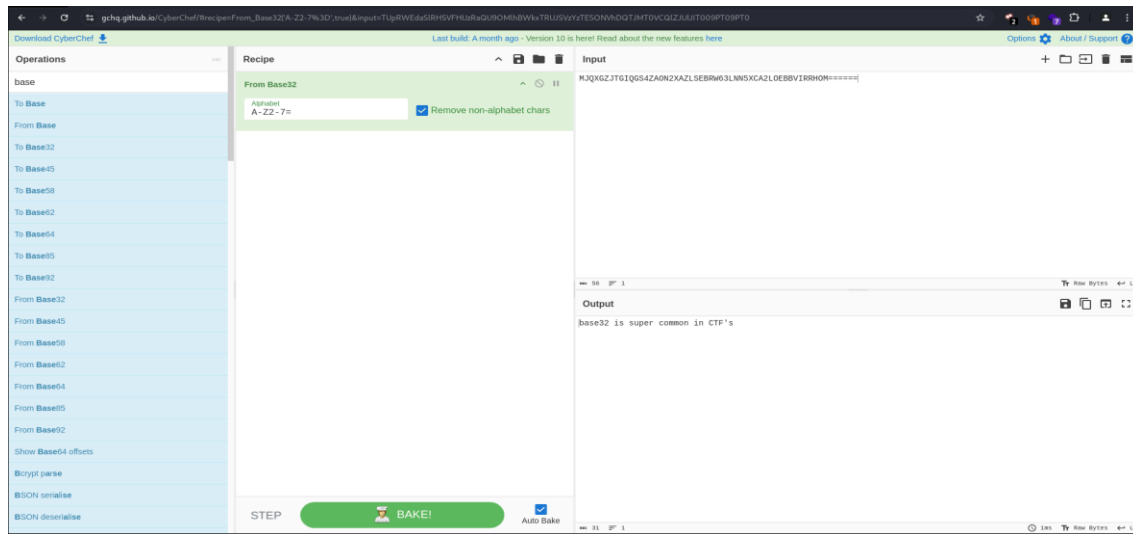
lets try some binary out!

✓ Correct Answer



Pregunta 3:

MJQXGZJTGIQGS4ZAON2XAZLSEBRW63LNN5XCA2LOEBBVIRRHOM=====



Respuesta: base32 is super common in CTF's (Base32 es muy común en los CTF. (Codificación Base32))

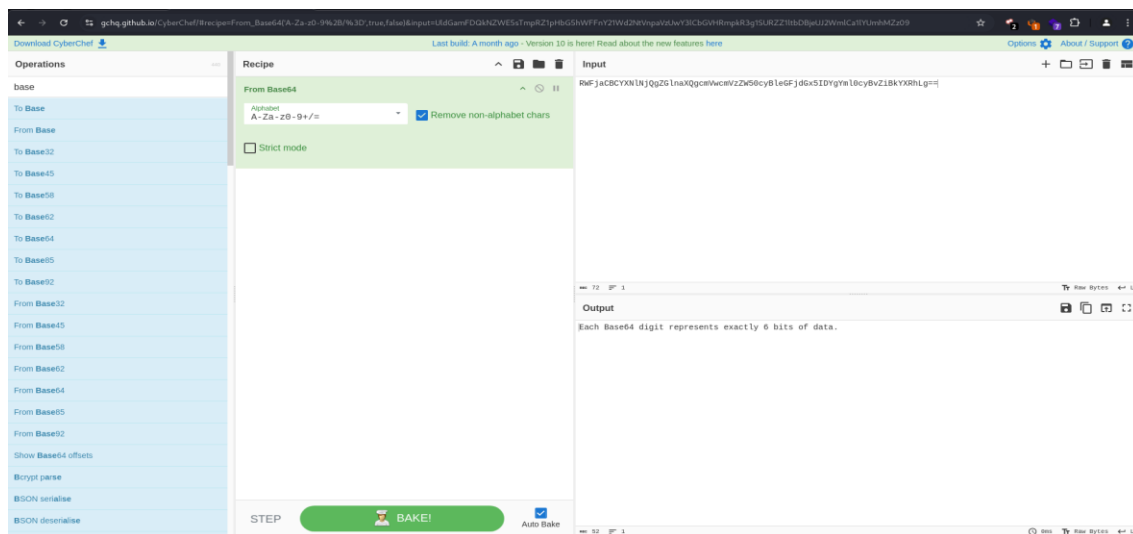
MJQXGZJTGIQGS4ZAON2XAZLSEBRW63LNN5XCA2LOEBBVIRRHOM=====

base32 is super common in CTF's

✓ Correct Answer

Pregunta 4:

RWFjaCBCYXNINjQgZGlnaXQgcmVwcmVzZW50cyBleGFjdGx5IDYgYml0cyBvZiBkYXRhLg==





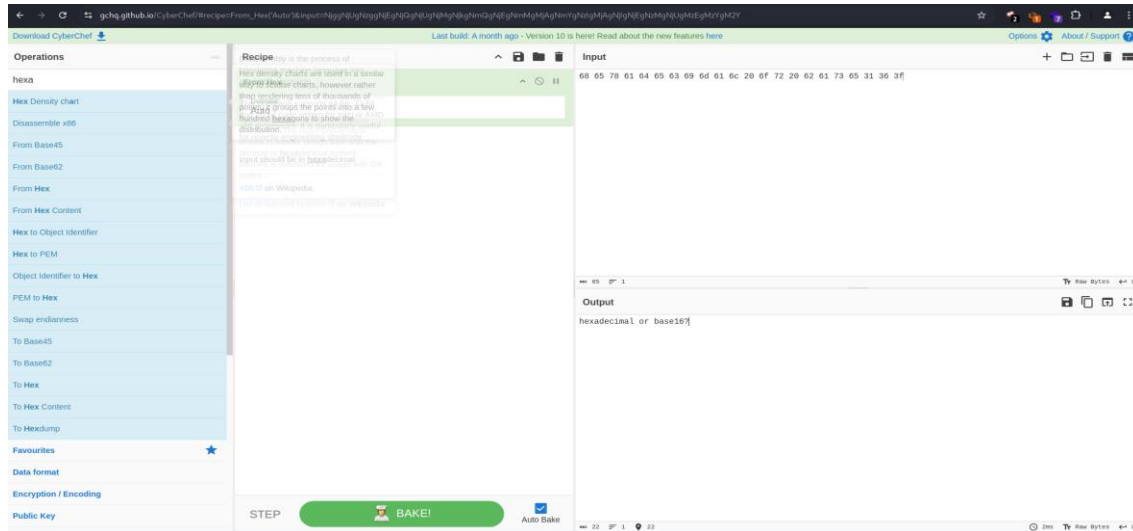
Respuesta: Each Base64 digit represents exactly 6 bits of data. (Cada dígito Base64 representa exactamente 6 bits de datos. (Codificación Base64))

RWFjaCBCYXNINjQgZGlnaXQgcmVwcmVzZW50cyBleGFjdGx5IDYgYml0cyBvZiBkYXRhLg==

Each Base64 digit represents exactly 6 bits of data.

✓ Correct Answer

Pregunta 5: 68 65 78 61 64 65 63 69 6d 61 6c 20 6f 72 20 62 61 73 65 31 36 3f



Respuesta: hexadecimal or base16? (¿hexadecimal o base 16? (hexadecimal))

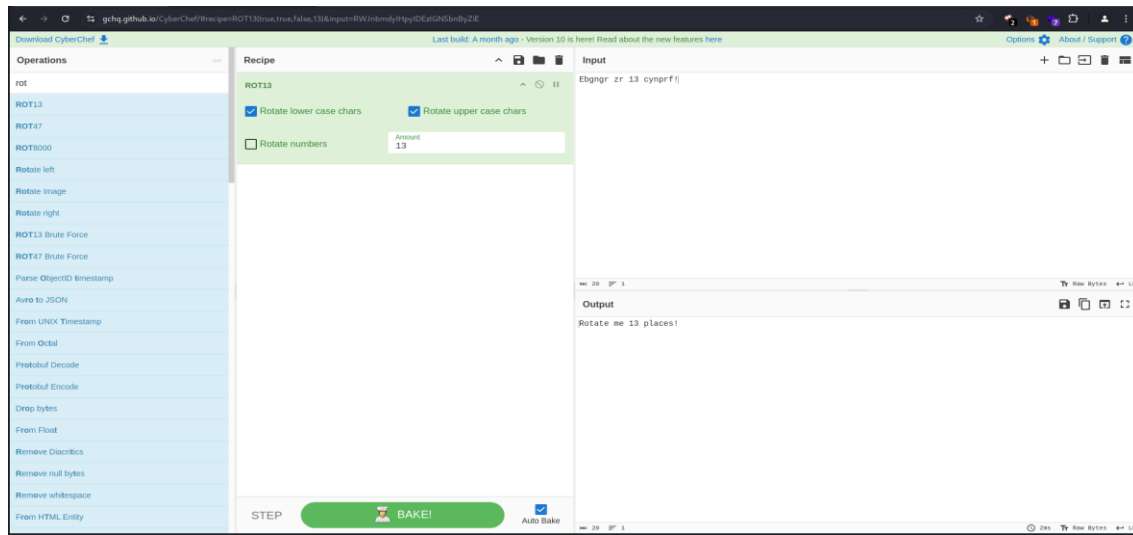
68 65 78 61 64 65 63 69 6d 61 6c 20 6f 72 20 62 61 73 65 31 36 3f

hexadecimal or base16?

✓ Correct Answer



Pregunta 6: ¡Ebgngz zr 13 cynprf! (¡Gírame 13 lugares! (Cifrado ROT -13))



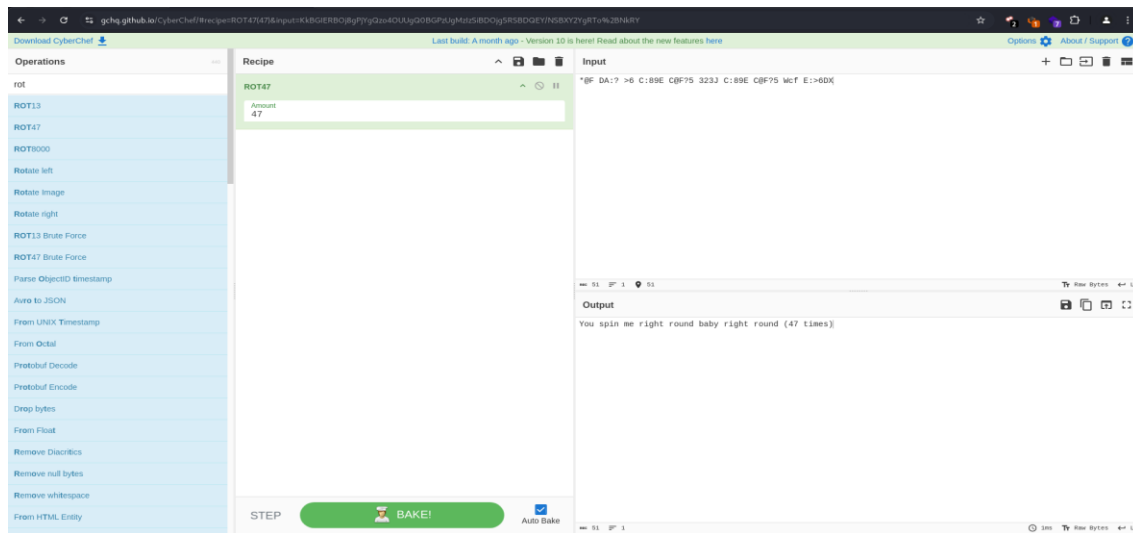
Respuesta: Rotate me 13 places!

Ebgngz zr 13 cynprf!

Rotate me 13 places!

✓ Correct Answer

Pregunta 7: *@F DA:? >6 C:89E C@F?5 323J C:89E C@F?5 Wcf E:>6DX



Respuesta: You spin me right round baby right round (47 times) (Me haces girar como un loco (47 veces) (código ROT -47))

*@F DA:? >6 C:89E C@F?5 323J C:89E C@F?5 Wcf E:>6DX

You spin me right round baby right round (47 times)

✓ Correct Answer



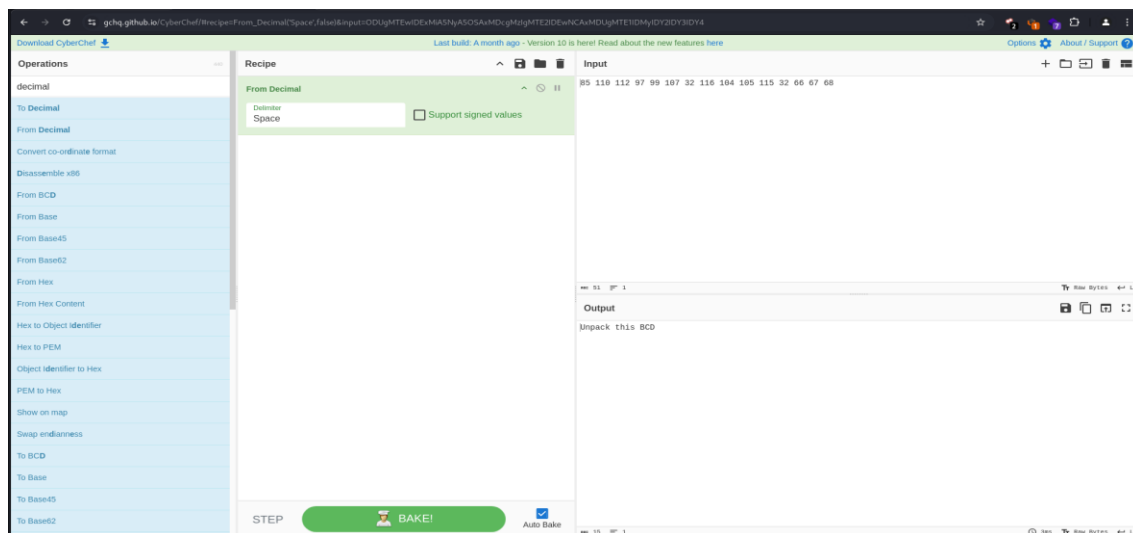
• — • — • — — — — — • • • • — • — — •



1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100. 101. 102. 103. 104. 105. 106. 107. 108. 109. 110. 111. 112. 113. 114. 115. 116. 117. 118. 119. 120. 121. 122. 123. 124. 125. 126. 127. 128. 129. 130. 131. 132. 133. 134. 135. 136. 137. 138. 139. 140. 141. 142. 143. 144. 145. 146. 147. 148. 149. 150. 151. 152. 153. 154. 155. 156. 157. 158. 159. 160. 161. 162. 163. 164. 165. 166. 167. 168. 169. 170. 171. 172. 173. 174. 175. 176. 177. 178. 179. 180. 181. 182. 183. 184. 185. 186. 187. 188. 189. 190. 191. 192. 193. 194. 195. 196. 197. 198. 199. 200. 201. 202. 203. 204. 205. 206. 207. 208. 209. 210. 211. 212. 213. 214. 215. 216. 217. 218. 219. 220. 221. 222. 223. 224. 225. 226. 227. 228. 229. 230. 231. 232. 233. 234. 235. 236. 237. 238. 239. 240. 241. 242. 243. 244. 245. 246. 247. 248. 249. 250. 251. 252. 253. 254. 255. 256. 257. 258. 259. 260. 261. 262. 263. 264. 265. 266. 267. 268. 269. 270. 271. 272. 273. 274. 275. 276. 277. 278. 279. 280. 281. 282. 283. 284. 285. 286. 287. 288. 289. 290. 291. 292. 293. 294. 295. 296. 297. 298. 299. 300. 301. 302. 303. 304. 305. 306. 307. 308. 309. 310. 311. 312. 313. 314. 315. 316. 317. 318. 319. 320. 321. 322. 323. 324. 325. 326. 327. 328. 329. 330. 331. 332. 333. 334. 335. 336. 337. 338. 339. 340. 341. 342. 343. 344. 345. 346. 347. 348. 349. 350. 351. 352. 353. 354. 355. 356. 357. 358. 359. 360. 361. 362. 363. 364. 365. 366. 367. 368. 369. 370. 371. 372. 373. 374. 375. 376. 377. 378. 379. 380. 381. 382. 383. 384. 385. 386. 387. 388. 389. 390. 391. 392. 393. 394. 395. 396. 397. 398. 399. 400. 401. 402. 403. 404. 405. 406. 407. 408. 409. 410. 411. 412. 413. 414. 415. 416. 417. 418. 419. 420. 421. 422. 423. 424. 425. 426. 427. 428. 429. 430. 431. 432. 433. 434. 435. 436. 437. 438. 439. 440. 441. 442. 443. 444. 445. 446. 447. 448. 449. 450. 451. 452. 453. 454. 455. 456. 457. 458. 459. 460. 461. 462. 463. 464. 465. 466. 467. 468. 469. 470. 471. 472. 473. 474. 475. 476. 477. 478. 479. 480. 481. 482. 483. 484. 485. 486. 487. 488. 489. 490. 491. 492. 493. 494. 495. 496. 497. 498. 499. 500. 501. 502. 503. 504. 505. 506. 507. 508. 509. 510. 511. 512. 513. 514. 515. 516. 517. 518. 519. 520. 521. 522. 523. 524. 525. 526. 527. 528. 529. 530. 531. 532. 533. 534. 535. 536. 537. 538. 539. 540. 541. 542. 543. 544. 545. 546. 547. 548. 549. 550. 551. 552. 553. 554. 555. 556. 557. 558. 559. 560. 561. 562. 563. 564. 565. 566. 567. 568. 569. 570. 571. 572. 573. 574. 575. 576. 577. 578. 579. 580. 581. 582. 583. 584. 585. 586. 587. 588. 589. 590. 591. 592. 593. 594. 595. 596. 597. 598. 599. 600. 601. 602. 603. 604. 605. 606. 607. 608. 609. 610. 611. 612. 613. 614. 615. 616. 617. 618. 619. 620. 621. 622. 623. 624. 625. 626. 627. 628. 629. 630. 631. 632. 633. 634. 635. 636. 637. 638. 639. 640. 641. 642. 643. 644. 645. 646. 647. 648. 649. 650. 651. 652. 653. 654. 655. 656. 657. 658. 659. 660. 661. 662. 663. 664. 665. 666. 667. 668. 669. 670. 671. 672. 673. 674. 675. 676. 677. 678. 679. 680. 681. 682. 683. 684. 685. 686. 687. 688. 689. 690. 691. 692. 693. 694. 695. 696. 697. 698. 699. 700. 701. 702. 703. 704. 705. 706. 707. 708. 709. 710. 711. 712. 713. 714. 715. 716. 717. 718. 719. 720. 721. 722. 723. 724. 725. 726. 727. 728. 729. 730. 731. 732. 733. 734. 735. 736. 737. 738. 739. 740. 741. 742. 743. 744. 745. 746. 747. 748. 749. 750. 751. 752. 753. 754. 755. 756. 757. 758. 759. 760. 761. 762. 763. 764. 765. 766. 767. 768. 769. 770. 771. 772. 773. 774. 775. 776. 777. 778. 779. 780. 781. 782. 783. 784. 785. 786. 787. 788. 789. 790. 791. 792. 793. 794. 795. 796. 797. 798. 799. 800. 801. 802. 803. 804. 805. 806. 807. 808. 809. 810. 811. 812. 813. 814. 815. 816. 817. 818. 819. 820. 821. 822. 823. 824. 825. 826. 827. 828. 829. 830. 831. 832. 833. 834. 835. 836. 837. 838. 839. 840. 84

✓ Correct Answer

Pregunta 9: 85 110 112 97 99 107 32 116 104 105 115 32 66 67 68





Respuesta: Unpack this BCD (Descomprima este BCD (decimal codificado en binario))

85 110 112 97 99 107 32 116 104 105 115 32 66 67 68

Unpack this BCD

✓ Correct Answer

Pregunta 10:

[illegible]

[illegible]





The screenshot shows the CyberChef web application interface. The top navigation bar includes the CyberChef logo and a link to the GitHub repository. The main interface is divided into four main sections:

- Operations (Left Sidebar):** A list of operations including ROT, ROT13, ROT47, ROT47 Brute Force, ROT47 Brute Force, Piano ObjectID Encryption, Auto to JSON, From UNIX Timestamp, From Octal, Pretokbuf Decode, Pretokbuf Encode, Drop bytes, From Float, Remove Diacritics, Remove null bytes, Remove whitespace, and From HTML Entity.
- Recipe (Center):** A section for creating and editing recipes. It shows a 'From Base64' operation with the alphabet 'A-Za-z0-9+/=' and a 'Remove non-alphabet chars' checkbox. Below it, there are sections for 'From Morse Code' and 'From Binary'.
- Input (Top Right):** A section for pasting input text. It contains a long string of Base64-encoded text.
- Output (Bottom Right):** A section for displaying the output of the operations. It shows a list of numbers: 76, 101, 116, 39, 115, 32, 189, 97, 107, 101, 32, 116, 104, 105, 115, 32, 97, 32, 97, 116, 32, 116, 114, 105, 99, 107, 105, 101, 114, 46.

The interface is dark-themed and includes a top navigation bar with the CyberChef logo and a bottom status bar with a 'BAKE!' button and a 'Auto Bake' checkbox.

The screenshot displays the CyberChef web application. On the left, a sidebar lists various operations such as 'To Decimal', 'Decode Hex/BOS Name', 'PGP Decrypt and Verify', 'Index of Coincidence', 'Detect File Type', 'ECDSA Signature Conversion', 'Build Cipher Decode', 'Build Cipher Encode', 'Convert co-ordinate format', 'Disassemble x86', 'Enigma', 'From BCD', 'From Base', 'From Base45', 'From Base62', 'From Hex', 'From Hex Content', 'Hex to Object Identifier', and 'Hex to PEM'. The main interface is in 'Recipe' mode, showing a sequence of operations. The first operation is 'From Base64', which is selected. Below it, there are options for 'Strict mode' and 'Remove non-alphabet chars'. The 'Input' tab displays a long string of Base64-encoded text. The 'Output' tab shows the decoded text, which is a message: 'Let's make this a bit trickier...'. The bottom status bar indicates '33 / 1' and a 'New Recipe' button.



Respuesta: Let's make this a bit trickier... (Hagamos esto un poco más complicado...)

(Base64-> Código Morse-> Binario->ROT -47 -> Decimal)

LS0tLS0gLi0tLS0gLi0tLS0gLS0tLS0gLS0tLS0gLi0tLS0gLS0tLS0gLS0tLS0gLi0tLS0gLS0tLS0gLS0tLS0gLi0tLS0gLS0tLS0gLS0tLS0gLi0tLS0gLS0tLS0g

Let's make this a bit trickier...

✓ Correct Answer

Tarea 2: Espectrogramas:

Para esta tarea, necesitas utilizar una herramienta web indicada más adelante:

Task 2 ☐ Spectrograms

A spectrogram is a visual representation of the spectrum of frequencies of a signal as it varies with time. When applied to an audio signal, spectrograms are sometimes called sonographs, voiceprints, or voicegrams. When the data is represented in a 3D plot they may be called waterfalls.

[Download Task Files](#)

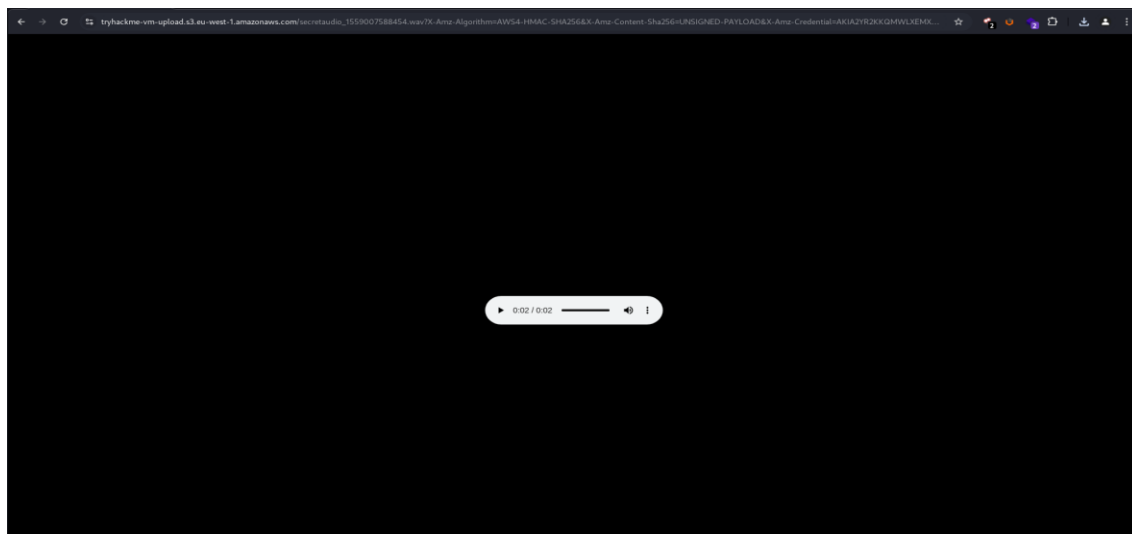
Answer the questions below

Download the file

Answer format: *****

[Submit](#) [Hint](#)

En la imagen se puede observar que al momento de dar al boto *Download Task Files* se descarga un archivo del tipo audio.



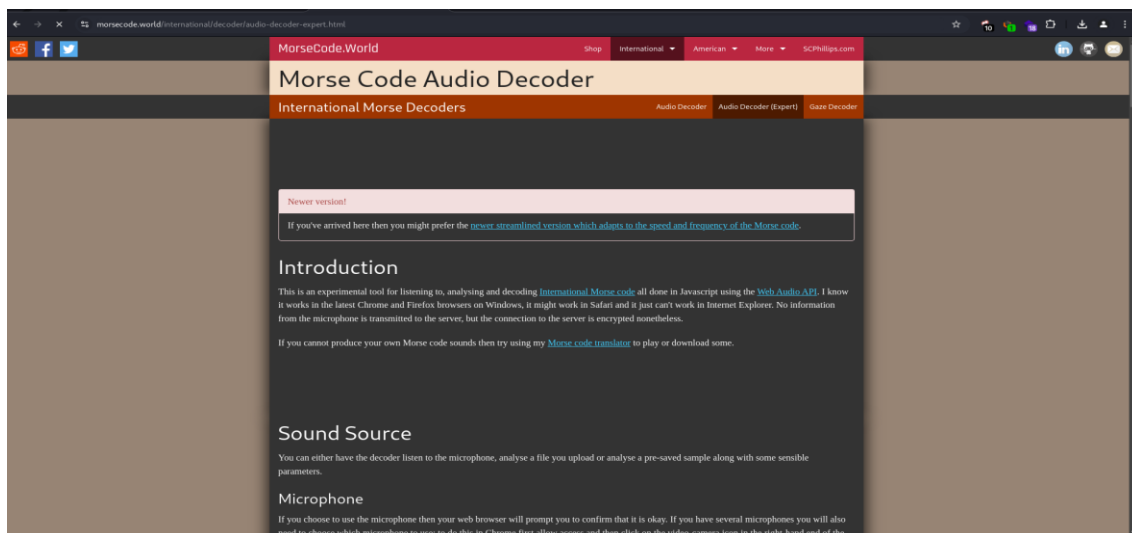
En una nueva ventana de CLI buscar el archivo descargado, en mi caso y por defecto se descarga en el directorio *Downloads*



Aquí se utilizó el comando `#file (nombre del archivo descargado).wav`

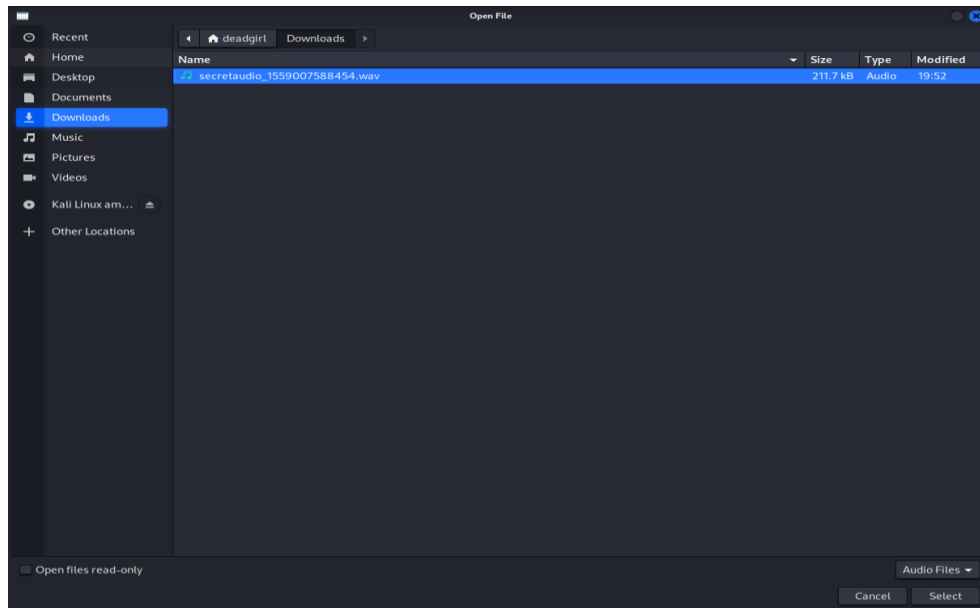
```
root@PeNteStiNg: /home/deadgirl/Downloads
File Actions Edit View Help
# cd Downloads
# ls
DeadGirl.ovpn google-chrome-stable_current_amd64.deb
WindowsXP_1551719014755.jpg secretaudio_1559007588454.wav
# file secretaudio_1559007588454.wav
secretaudio_1559007588454.wav: RIFF (little-endian) data, WAVE audio, Microsoft PCM, 16 bit, mono 4
4100 Hz
#
```

Aquí el enlace que los llevara a *Morse Code Audio Decoder* la URL es:
<https://medium.com/@ria.banerjee005/tryhackme-c4ptur3-th3-fl4g-writeup-f230130b0cf9>

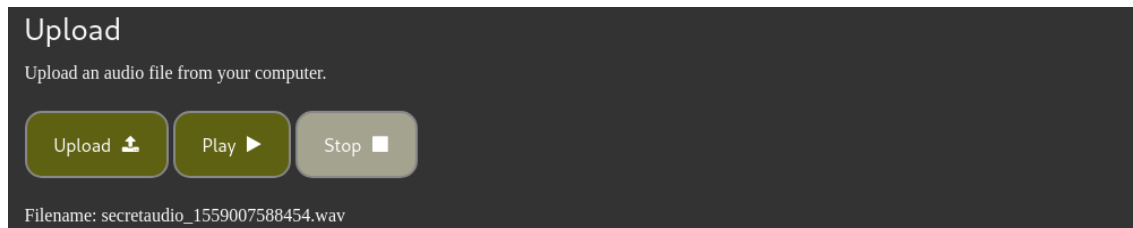


Si siguen bajando se observa una opción que se llama *Upload*, aquí se debe subir el archivo audio descargado anteriormente.





Posterior dar a la opción ***Play***, aquí se revelara un mensaje oculto...



Mensaje oculto ***Super Secret Message***





Respuesta: Super Secret Message (Mensaje Súper Secreto)

Task 2 Spectrograms

A spectrogram is a visual representation of the spectrum of frequencies of a signal as it varies with time. When applied to an audio signal, spectrograms are sometimes called sonographs, voiceprints, or voicegrams. When the data is represented in a 3D plot they may be called waterfalls.

[Download Task Files](#)

Answer the questions below

Download the file

Super Secret Message

Correct Answer

Hint

Tarea 3: Esteganografía:

Aquí utilicé la herramienta *steghide* para recuperar datos ocultos de la imagen proporcionada en el archivo de tarea que he descargado a mi equipo.

Task 3 Steganography

Steganography is the practice of concealing a file, message, image, or video within another file, message, image, or video.

[Download Task Files](#)

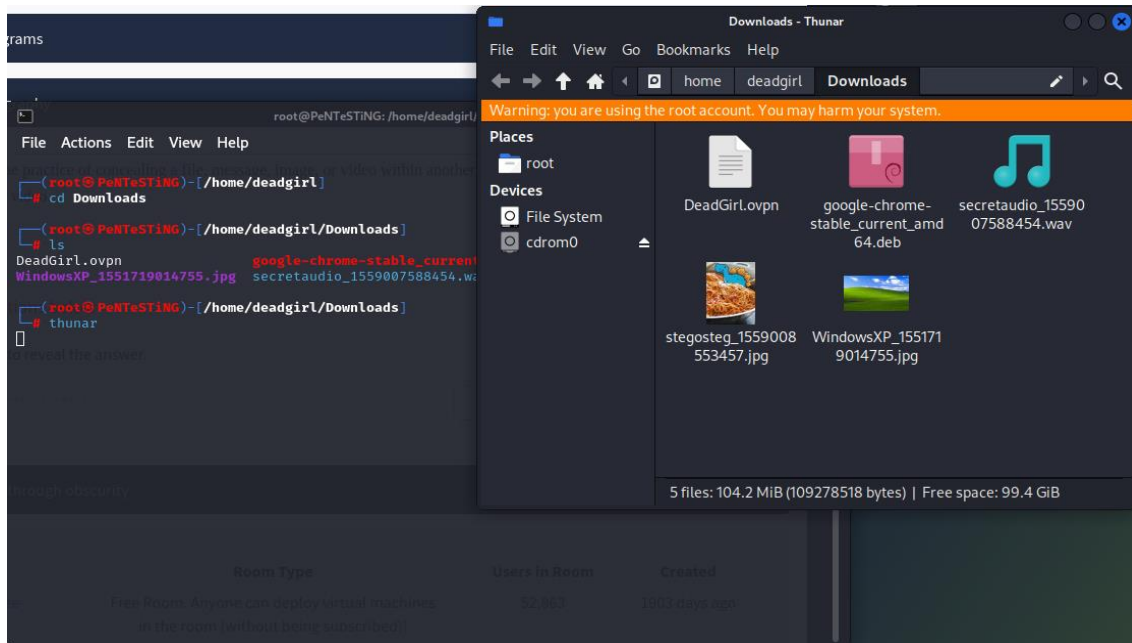
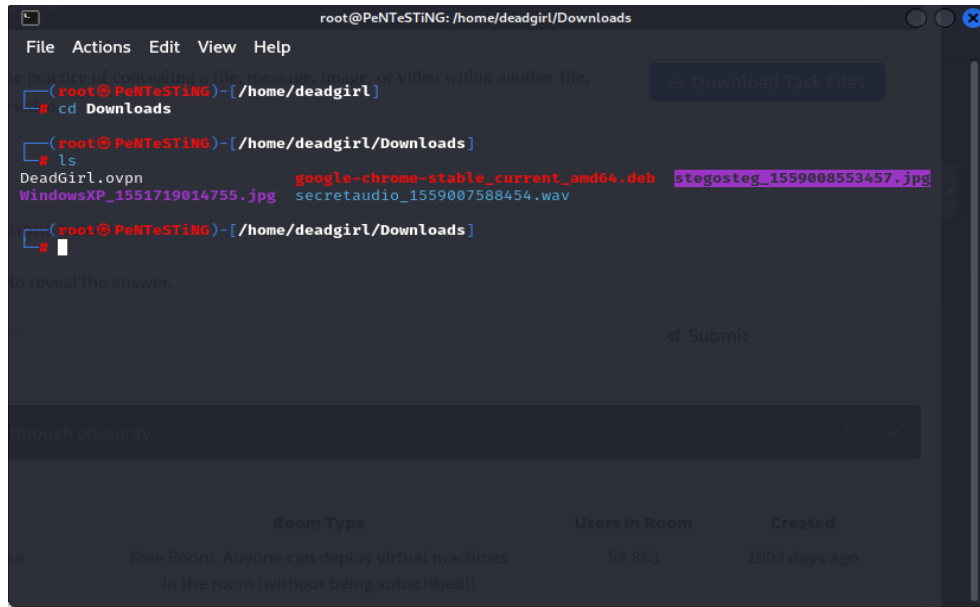
Answer the questions below

Decode the image to reveal the answer.

Answer format: *****

Submit







```
root@PeNteStiNG: /home/deadgirl/Downloads
File Actions Edit View Help
[+] Download Task Files
# cd Downloads
# ls
DeadGirl.ovpn google-chrome-stable_current_amd64.deb stegosteg_1559008553457.jpg
WindowsXP_1551719014755.jpg secretaudio_1559007588454.wav
# thunar
^C
# reveal the answer
# file stegosteg_1559008553457.jpg
stegosteg_1559008553457.jpg: JPEG image data, JFIF standard 1.01, resolution (DPI), density 96x96,
segment length 16, baseline, precision 8, 254x343, components 3
#
rough obscurity
Submit
Room Type Users in Room Created
Free Room. Anyone can deploy virtual machines 52,863 1903 days ago
in the room (without being subscribed!)
```

```
root@PeNteStiNG: /home/deadgirl/Downloads
File Actions Edit View Help
[+] Download Task Files
# strings stegosteg_1559008553457.jpg
JFIF
$3br
%6'()*456789:CDEFGHIJSTUVWXYZcdefghijstuvwxz
#3R
6'()*56789:CDEFGHIJSTUVWXYZcdefghijstuvwxz
u-g[
.GN?
t1;H1;low
ARxs,
}UR+{n
6h:v of the answer.
YnPI.
2x'Af
wYlg
RL|M,k
WwzsZ
T*s
rjXN
qg+[jZ.
LrL%
Kd5K
J\$o
tH-T
B_].?
wR^iw
\zy0
'>i
v~v4
Submit
rough obscurity
Submit
Room Type Users in Room Created
Free Room. Anyone can deploy virtual machines 52,863 1903 days ago
in the room (without being subscribed!)
```




Utilicé el comando: steghide extract -sf stegosteg.jpg

```
root@PeNteStiNG: /home/deadgirl/Downloads
File Actions Edit View Help
Unpacking libmcrypt4 (2.5.8-7) ...
Selecting previously unselected package libmhash2:amd64.
Preparing to unpack .../libmhash2_0.9.9-9+b1_amd64.deb ...
Unpacking libmhash2:amd64 (0.9.9-9+b1) ...
Selecting previously unselected package steghide.
Preparing to unpack .../steghide_0.5.1-15_amd64.deb ...
Unpacking steghide (0.5.1-15) ...
Setting up libmhash2:amd64 (0.9.9-9+b1) ...
Setting up libmcrypt4 (2.5.8-7) ...
Setting up steghide (0.5.1-15) ...
Processing triggers for libc-bin (2.38-13) ...
Processing triggers for man-db (2.12.1-2) ...
Processing triggers for kali-menu (2024.3.1) ...

(root@PeNteStiNG)-[/home/deadgirl/Downloads]
# steghide extract -sf stegosteg_1559008553457.jpg
Enter passphrase:

(root@PeNteStiNG)-[/home/deadgirl/Downloads]
# ls
DeadGirl.ovpn google-chrome-stable_current_amd64.deb stegosteg_1559008553457.jpg
WindowsXP_1551719014755.jpg secretaudio_1559007588454.wav

(root@PeNteStiNG)-[/home/deadgirl/Downloads]
# steghide extract -sf stegosteg_1559008553457.jpg
Enter passphrase:
wrote extracted data to "steganopayload2248.txt".

(root@PeNteStiNG)-[/home/deadgirl/Downloads]
#
```

Una vez ejecutado el comando anterior solicita una password, en mi caso le di enter y se descargó o reveló un archivo txt. Con el comando `# cat steganopayload2248.txt` entrega la flag que se encuentra en dicho archivo.

```
root@PeNteStiNG: /home/deadgirl/Downloads
File Actions Edit View Help
Setting up steghide (0.5.1-15) ...
Processing triggers for libc-bin (2.38-13) ...
Processing triggers for man-db (2.12.1-2) ...
Processing triggers for kali-menu (2024.3.1) ...

(root@PeNteStiNG)-[/home/deadgirl/Downloads]
# steghide extract -sf stegosteg_1559008553457.jpg
Enter passphrase:

(root@PeNteStiNG)-[/home/deadgirl/Downloads]
# ls
DeadGirl.ovpn google-chrome-stable_current_amd64.deb stegosteg_1559008553457.jpg
WindowsXP_1551719014755.jpg secretaudio_1559007588454.wav

(root@PeNteStiNG)-[/home/deadgirl/Downloads]
# steghide extract -sf stegosteg_1559008553457.jpg
Enter passphrase:
wrote extracted data to "steganopayload2248.txt".

(root@PeNteStiNG)-[/home/deadgirl/Downloads]
# ls
DeadGirl.ovpn google-chrome-stable_current_amd64.deb steganopayload2248.txt
WindowsXP_1551719014755.jpg secretaudio_1559007588454.wav stegosteg_1559008553457.jpg

(root@PeNteStiNG)-[/home/deadgirl/Downloads]
# cat steganopayload2248.txt
SpaghettiSteg

(root@PeNteStiNG)-[/home/deadgirl/Downloads]
#
```



Respuesta: SpaghettiSteg

Task 3 Steganography

Steganography is the practice of concealing a file, message, image, or video within another file, message, image, or video.

[Download Task Files](#)

Answer the questions below

Decode the image to reveal the answer.

✓ Correct Answer

Tarea 4: Seguridad a través de la oscuridad:

Intenté usar steghide nuevamente e intenté descomprimir el contenido, pero hay una manera aún más fácil.

¡Simplemente escribe cat meme.jpg en tu terminal y allí estará, al final del contenido del archivo!

Task 4 Security through obscurity

Security through obscurity is the reliance in security engineering on the secrecy of the design or implementation as the main method of providing security for a system or component of a system.

[Download Task Files](#)

Answer the questions below

Download and get 'inside' the file. What is the first filename & extension?

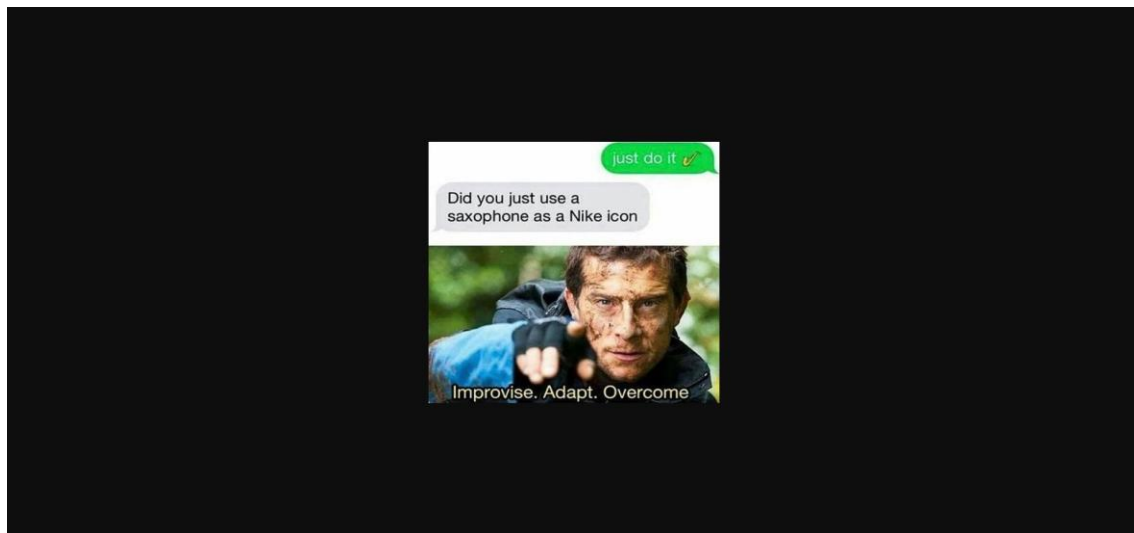
Submit

Hint

Get inside the archive and inspect the file carefully. Find the hidden text.

Submit

Hint





Respuesta: hackerchat.png

Entre en el archivo y examine el documento con atención. Encuentre el texto oculto.

Respuesta: AHH_YOU_FOUND_ME! (¡¡¡AHHH_ME_ENCONTRASTE!!!)

¡Eso es todo por hoy! ¡Espero que hayas disfrutado de este Write-Up!

```
root@PeNtEStiNg: /home/deadgirl/Downloads

File Actions Edit View Help

t+***"m+EP+P44+**w0x!4+JD+ _ 6-^7+o$*** **h+^+ _E+M+--VO+p _<+n@?+M;+,Q+rs`i\3+++`k/E+ol
+
**v1+v+ .+***+D+ +*****Hg+e+b9+RN4$+***** ,lG4+.r6+++l+*****mX+A+++c0\8`+?/f+p+*****A?C+++rC
L +.+++I+**X' +***** .Q+e+0/+***** **r+j+RA+ox+++6+ ]+zP+~*d:++K+***W+***KH+***[+rx+***i+ZN+
+*****T(+ +-----+b+e+:+[b+{+0\`5+--+E+C' +*p+P+4*x)+3e4+*****m+z+ ]+q S+R8+++Z+*****8+`+b+*fD(+
0+++Z+++?3z+++lz+S+ ]+++>+ _j+va+*C++=-F+,+(+*\VC0+*Y+H--+x1_+++ki[/O+d+*HASM+u1`ej+%+*****U+*E+:<ch
+Q?+2+n+++U+z+ +***** ]+v@NB+!+*****>Xw +@eo+*NFC+*Mw_+***i+ V6kb+*****p< +>+Po+*****cu+@+ed+
+j+l+6+9++++ _r+++5Jie+++q+043+0-9y+<G+*z+***s+*`!+i1M/W-a,+++I+}=u@#*+x+My+{`CnQrh+ 0}QnX+***e+
~6|[+**+K+*+ ]+*****RXw>+
+q@+1+g+***** +side the file. What is the first filename & extension?
-+`+e0n+p+`+j+***** ?D+++XU[+0+ .x+K+*mp+--+f+++; !#;>+--+x+*+r;%l@k4+{+i+^+3+*C+*f+*F^+;+U+*n; \
+T+++*(E+6Zá+++A+4x+N+*Qxg7<+`+ ,+ ,+ ,+ ,+8z+z+ **=0fYp+*****O+*W+*\@M+*B0,0+*****X+*+@V+*C@+*****@+:e+A
Z+*h
:v+
+*****+`+?_+ _+ _+YNG+T+***y%*UT$+<+0+ ,+KI+6UP6+*i+*+vy_+ 0+*****r+*`%+eNk+}*9+*****N+
+*****+QX+*+>+BXy.F+***=p+4+*H+*r4l+*U+*+p#t+DQn+*+ ]+a+5+,u+ +pA~q+*****2bXm+
km+*H6+*5+*s+ .8P/+WF+***y>X5_+m+_+ '[SQP+*+f+*****p+z*xK+U+u+*kk+*****c+S~j@6h+ \+d+*****vA+}=F+*s6_+^
+*+*****+P+*y' +*+^(+6+
+ @9Xs+}d+ + +*****j+*Qh+={@84+:)<6+x+AnpE+*****D+Ah+1+`+*â+N+ +JR`js+ihm+*****zlw@+r+
+P+ .k+
C+*+*+ ]+4+*+*+*+f+*+X+r+*+*+I+*+IiZ+ .+*+*+L+}*+ .+ ,+ ,+ ,+e+*+6+d+*C+d+*****i+*+a+L@2$Es+*Dn+@i+S+i2Mc+***y+*j+q
IEND+B +`AHH_YOU_FOUND_ME!`
+ \+?+***QO+*y3+*+/*+A*
+hackerchat.png +*+ +*+
+U+*wVQ

Created by Room Type

Free Room. Anyone can deploy virtual machines in the room (without being subscribed to a plan)
```

Download and get 'inside' the file. What is the first filename & extension?

hackerchat.png

✓ Correct Answer

🔍 Hint

```
root@PeNtEStiNg: /home/deadgirl/Downloads

File Actions Edit View Help

t+***"m+EP+P44+**w0x!4+JD+ _ 6-^7+o$*** **h+^+ _E+M+--VO+p _<+n@?+M;+,Q+rs`i\3+++`k/E+ol
+
**v1+v+ .+***+D+ +*****Hg+e+b9+RN4$+***** ,lG4+.r6+++l+*****mX+A+++c0\8`+?/f+p+*****A?C+++rC
L +.+++I+**X' +***** .Q+e+0/+***** **r+j+RA+ox+++6+ ]+zP+~*d:++K+***W+***KH+***[+rx+***i+ZN+
+*****T(+ +-----+b+e+:+[b+{+0\`5+--+E+C' +*p+P+4*x)+3e4+*****m+z+ ]+q S+R8+++Z+*****8+`+b+*fD(+
0+++Z+++?3z+++lz+S+ ]+++>+ _j+va+*C++=-F+,+(+*\VC0+*Y+H--+x1_+++ki[/O+d+*HASM+u1`ej+%+*****U+*E+:<ch
+Q?+2+n+++U+z+ +***** ]+v@NB+!+*****>Xw +@eo+*NFC+*Mw_+***i+ V6kb+*****p< +>+Po+*****cu+@+ed+
+j+l+6+9++++ _r+++5Jie+++q+043+0-9y+<G+*z+***s+*`!+i1M/W-a,+++I+}=u@#*+x+My+{`CnQrh+ 0}QnX+***e+
~6|[+**+K+*+ ]+*****RXw>+
+q@+1+g+***** +side the file. What is the first filename & extension?
-+`+e0n+p+`+j+***** ?D+++XU[+0+ .x+K+*mp+--+f+++; !#;>+--+x+*+r;%l@k4+{+i+^+3+*C+*f+*F^+;+U+*n; \
+T+++*(E+6Zá+++A+4x+N+*Qxg7<+`+ ,+ ,+ ,+ ,+8z+z+ **=0fYp+*****O+*W+*\@M+*B0,0+*****X+*+@V+*C@+*****@+:e+A
Z+*h
:v+
+*****+`+?_+ _+ _+YNG+T+***y%*UT$+<+0+ ,+KI+6UP6+*i+*+vy_+ 0+*****r+*`%+eNk+}*9+*****N+
+*****+QX+*+>+BXy.F+***=p+4+*H+*r4l+*U+*+p#t+DQn+*+ ]+a+5+,u+ +pA~q+*****2bXm+
km+*H6+*5+*s+ .8P/+WF+***y>X5_+m+_+ '[SQP+*+f+*****p+z*xK+U+u+*kk+*****c+S~j@6h+ \+d+*****vA+}=F+*s6_+^
+*+*****+P+*y' +*+^(+6+
+ @9Xs+}d+ + +*****j+*Qh+={@84+:)<6+x+AnpE+*****D+Ah+1+`+*â+N+ +JR`js+ihm+*****zlw@+r+
+P+ .k+
C+*+*+ ]+4+*+*+*+f+*+X+r+*+*+I+*+IiZ+ .+*+*+L+}*+ .+ ,+ ,+ ,+e+*+6+d+*C+d+*****i+*+a+L@2$Es+*Dn+@i+S+i2Mc+***y+*j+q
IEND+B +`AHH_YOU_FOUND_ME!`
+ \+?+***QO+*y3+*+/*+A*
+hackerchat.png +*+ +*+
+U+*wVQ

Created by Room Type

Free Room. Anyone can deploy virtual machines in the room (without being subscribed to a plan)
```



Get inside the archive and inspect the file carefully. Find the hidden text.

AHH_YOU_FOUND_ME!

✓ Correct Answer

🔍 Hint

The screenshot displays the TryHackMe web application interface. At the top, there's a navigation bar with links to Dashboard, Learn, Compete, and Other. The main header shows the challenge name 'c4ptur3-th3-fl4g' and its difficulty level 'Easy'. A 'Congratulations!' modal is centered on the screen, indicating that the user has completed the room. The modal includes social sharing buttons for Twitter, Facebook, and LinkedIn, and a 'Leave Feedback' link. The background shows a scoreboard chart with multiple colored lines representing different users' progress. The TryHackMe logo is visible in the top right corner.