

Forum:[Hack Forums](#)

Thread: [Can you crack the code? \[Challenge #5\] - CRACKED! :D](#)

TheDubWubCub - January 25, 2014, 9:02 am

Hello HF! :D

The prizes are light this time due to the previous contest haha.

This time, I've decided to have 3 codes and a final message to be cracked for \$5 each! :D

Feel free to either PM me or post your solutions; only one winner per code though. >:]

Thread will be closed after everything has been decoded.

Next contest won't be for a while, so go ahead and take a vacation haha. ?

Previous Challenges:

[Challenge #1](#)

[Challenge #2](#)

[Challenge #3](#)

[Challenge #4](#)

Good luck to all of you and happy cracking! ?

Hint:

This one hint contains the secrets to this whole challenge.

It will be the only main hint given, so good luck to you all! :D

Spoiler ([Click to View](#))

(I suggest using crypto :D)

<http://pastebin.com/uw8h0aD3>

Hint:

ng is in their specific order!

Below are the hints for each code, deocde them and all can be revealeved.

1.

ALL DRAWINGS HAVE THEIR OWN NUMERICAL ORIGINS.

PORTA+EXAMPLES+PROFILEPIC

2.

FREQUENCY ANALYSIS HELP: REPEATS = 90 DEGRESS

3.

AA = BA = CA = DA...ECT.

Good luck to all of you! :D

Code 1: - Cracked by: [Lutan!](#)

The Code: - the blue man

Spoiler [\(Click to View\)](#)

Example 1:

Spoiler [\(Click to View\)](#)

Input: CODE

Output:

Example 2:

Spoiler [\(Click to View\)](#)

Input: CIPHER

Output:

Example 3:

Spoiler [\(Click to View\)](#)

Input: SECRET

Output:

How it works:

Spoiler [\(Click to View\)](#)

By examining the examples that were given, you can notice that 1 picture represents 2 letters. The message had 5 pictures meaning 10 letters, 12 counting the appropriate spaces.

Of the 5 drawings/pictures, each had a message on it which you are able to see if you either tilted

your screen or edited them.

"Don't let the drawings distract you too much, for it's the origins that matter."

This would mean to search for where the pictures originated from.

A simple google search of the image would reveal it's from xkcd.com.

Each image has it's own page/web address, which were just numbers, (522 126 327 137 34)

It is crucial that you decoded the hint because it guides you in the direction to look for one of Porta's ciphers.

"PORTA+EXAMPLES+PROFILEPIC"

"Examples" refers to the names of input, "code", "cipher", & "secret".

Google search, "Porta code cipher secret", reveals the exact document I used to encode the message.

"Profilepic" is referring to mine, which says "21" and putting 2 & 2 together with porta's cipher.

Hopefully then you would have started the table/grid with the #21 and go all the way up to 696.

Now you are able to successfully decode the message. :D

Code 2: - Cracked by: [Skull OwnZ!](#)

The Code: - sits with a flag

Spoiler [\(Click to View\)](#)

<https://i.imgur.com/H7EbhxO.png>

Example 1:

Spoiler [\(Click to View\)](#)

Input: opposite day

Output:

<https://i.imgur.com/DMFFsbM.png>

Example 2:

Spoiler [\(Click to View\)](#)

Input: banana

Output:

<https://i.imgur.com/UhlQmjP.png>

How it works:

Spoiler [\(Click to View\)](#)

Pretty much just a polysubstitutional cipher. :D

All 26 letters of the alphabet get there own symbol.

The twist is when a letter repeats, the symbol of that letter is rotated clockwise 90 degrees.

This would mean there are 4 symbols for each letter of the alphabet.

That's it! :D

vCode 1: - Cracked by: [Lutan!](#)

The Code: - waiting to congratulate you
Spoiler [\(Click to View\)](#)

XJCCWUG IO RCUYSUOGMUYE NJU

Example 1:
Spoiler [\(Click to View\)](#)

Input: listen by the words

Output: UBMYSN AY BME LGVWS

Example 2:
Spoiler [\(Click to View\)](#)

Input: not the speaker

Output: CIT BME IUFLPWR

How it works:
Spoiler [\(Click to View\)](#)

I really like this one! :D

First make sure you know the english alphabet... :P

Say your message is "Hello"

First replace "H" with the # of shifts of the letter to it's right.

A different way to think about it is:

Convert the letters to numbers: H e l l o = 8 5 12 12 15
H = 8, e = 5, l = 12, l = 12, o = 15

Starting from H/8, Shift as many times as the value to the right of it (e/5), which would be M.
(Caesar shift "H" 5 times = M)

Keep doing this until you get to the last letter.

Go ahead and caesar shift L 15 times, but leave the last letter alone.

From what I can tell, you can't decode if you include the last letter, I'm sure there's ways around this but oh well. :D

"hello" will now become "mqxao".

Now you know :D

Final Message:

Spoiler ([Click to View](#))

<http://pastebin.com/wbR18xsA>

Final Message:

<https://i.imgur.com/qDMTIZ0.jpg>

*If you would like to be notified of when these challenges/contests will be posted, please PM me!
:D*

Good luck & Hope you guys enjoy! :D

Tinkernut - January 25, 2014, 9:07 am

This is a big mind fuck. I can't take this no more.

Angel™ - January 25, 2014, 9:20 am

I think i get it! i might be very close i decoded 1 word already

TheDubWubCub - January 25, 2014, 9:27 am

(Jan 25, 2014 10:07 AM)Tinkernut Wrote: ([CITE](#)) This is a big mind fuck. I can't take this no more.
haha no worries. :D

(Jan 25, 2014 10:20 AM)No Game Wrote: ([CITE](#)) I think i get it! i might be very close i decoded 1 word already

I'm curious to see your results, that's pretty fast haha.

Angel™ - January 25, 2014, 9:35 am

Two Words Left Yay Hope I Win This!

TheDubWubCub - January 25, 2014, 9:39 am

(Jan 25, 2014 10:35 AM)No Game Wrote: ([CITE](#)) Two Words Left Yay Hope I Win This!
You defiantly got one word correct and you're on the right track. Keep it up :D

tsoPANos - January 25, 2014, 9:39 am

ahh that's so hard!

It's worth investing some time though :P

I am halfway of cracking the master hint

Angel™ - January 25, 2014, 10:00 am

I need one more hint!!! the last 2 big words are hard!!

TheDubWubCub - January 25, 2014, 10:05 am

(Jan 25, 2014 10:39 AM)tsoPANos Wrote: [\[CITE\]](#) ahh that's so hard!

It's worth investing some time though :P

I am halfway of cracking the master hint

Thank you & good luck! :]

(Jan 25, 2014 11:00 AM)No Game Wrote: [\[CITE\]](#) I need one more hint!!! the last 2 big words are hard!!

haha sorry, but try and crack the one hint... it can reveal all :D

Congrats to "Skull OwnZ" for cracking Code #2! Thread has been updated! :D

?rofessional - January 25, 2014, 10:06 am

Um so do we have to solve all three codes and the final message to win a prize or just one code? Thanks :)

TheDubWubCub - January 25, 2014, 10:10 am

(Jan 25, 2014 11:06 AM)?rofessional Wrote: [\[CITE\]](#) Um so do we have to solve all three codes and the final message to win a prize or just one code? Thanks :)

You'll get a prize of \$5 each for cracking the codes...

Code #1 = \$5, Code #2 = \$5, Code #3 = \$5, and Final message = \$5. :D

Angel™ - January 25, 2014, 10:17 am

XJCCWUG IO RCUYSUOGMUYE NJU

IO = (so) or (to) or (go)

Xjccwug end with = G

Rcuysuogmuye ends with = E

NJU = you

I give up this is what i got

Infilitalional - January 25, 2014, 10:35 am

Vouch for this dude - he delivered my prize instantly.

For Code 2 - The way it's worked out is.

Spoiler ([Click to View](#)) Firstly, you use the first two pre given images to help you out. Which give away the words "o", "p", "s", "i", "t", "e", "d", "a", "y", "b", & "n".

Observing the words, you can tell whenever a word is used twice the symbol rotates 90 degrees to the right.

Using this knowledge you can tell already that the code is "sits ?it? a ??a?"

You then observe how the letters change as they go up, for example we see the letter A was a straight line, and moving onto B it becomes a wiggly line. From this, you can tell the letter at the end of the second word comes after in the alphabet for the last letter in the last word.

From this, it's figured that "sits ?ith a ??ag" is the most appropriate, and from this can determine that the second word is "with" so it becomes "sits with a a ??ag"

By then observing the pattern that travels each letter forward in the alphabet it can be told that the after a letter contains a swirly line it goes into a lightning line and from the "opposite day" word, we know that "e" has two swirly lines which will turn into two lightning lines, which is the first letter of the last word in the code so it must be - "sits with a flag".

Hulk - January 25, 2014, 10:37 am

(Jan 25, 2014 11:35 AM)Skull OwnZ Wrote: [\[CITE\]](#) Vouch for this dude - he delivered my prize instantly.

For Code 2 - The way it's worked out is.

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Thanks for the guide but he already explained in the thread, almost got the third one, just not sure what the main hint is...

TheDubWubCub - January 25, 2014, 10:41 am

(Jan 25, 2014 11:35 AM)Skull OwnZ Wrote: [\[CITE\]](#) Vouch for this dude - he delivered my prize instantly.

For Code 2 - The way it's worked out is.

Spoiler ([Click to View](#)) Firstly, you use the first two pre given images to help you out. Which give away the words "o", "p", "s", "i", "t", "e", "d", "a", "y", "b", & "n".

Observing the words, you can tell whenever a word is used twice the symbol rotates 90 degrees to the right.

Using this knowledge you can tell already that the code is "sits ?it? a ??a?"

You then observe how the letters change as they go up, for example we see the letter A was a straight line, and moving onto B it becomes a wiggly line. From this, you can tell the letter at the end of the second word comes after in the alphabet for the last letter in the last word.

From this, it's figured that "sits ?ith a ??ag" is the most appropriate, and from this can determine that the second word is "with" so it becomes "sits with a a ??ag"

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Thanks for participating & for the post! :D

(Jan 25, 2014 11:37 AM)Hulk HF Wrote: [\[CITE\]](#) Thanks for the guide but he already explained in the thread, almost got the third one, just not sure what the main hint is...

I had him post how he did it to see a different perspective in cracking it.

Good luck though! :D

DeMon Designs - January 25, 2014, 11:12 am

will try my luck... hope the best win.. thank you so much OP for such a great contest..

vitalitasia - January 25, 2014, 11:22 am

Cracked the last and the final one. PMed OP. Yeah ?

TheDubWubCub - January 25, 2014, 11:24 am

(Jan 25, 2014 12:12 PM)Deepak Olla Wrote: [\[CITE\]](#) will try my luck... hope the best win.. thank you so much OP for such a great contest..

Thank you & good luck, there's only a couple codes left & two people are already pretty close!

Congrats to [Lutan](#)! He has been awarded for cracking Code #1 & Code #3 & The final message!

I await for him to post his response! Sorry everyone, the contest is quickly over! :/

Really didn't think this challenge would go by so quick but oh well, Thank you all for participating! :D

tsoPANos - January 25, 2014, 11:25 am

I cracked the hint.

seeing that 1 and 2 have been cracked, here's the code for 1 and 2!!!!

Code Congrats on decoding the hint! (Up to you whether you wish to post it publicly or not :D)

1 may trouble you more than the rest, but all are needed for the final message.

He awaits >:D

Everything is in their specific order!

Below are the hints for each code, decode them and all can be revealed.

1.

FQQ IWFBNSLX MFAJ YMJNW TBS SZRJWNHFQ TWNLNSX.
UTWYF+JCFRUQJX+UWTKNQJUNH

2.

61851721514325 1141122519919 851216: 18516512019 = i0 457185519

3.
AHAHAH no, you won't get hint 3.

vitalitasia - January 25, 2014, 11:28 am

(Jan 25, 2014 12:24 PM)TheDubWubCub Wrote: [\[CITE\]](#) Thank you & good luck, there's only a couple codes left & two people are already pretty close!

Congrats to [Lutan](#)! He has been awarded for cracking Code #2 & Code #3 & The final message!

I await for him to post his response! Sorry everyone, the contest is quickly over! :/

Really didn't think this challenge would go by so quick but oh well, Thank you all for participating! :D
It's Code #1, not Code #2 ?

Anyways, awesome riddles, too bad you posted #2 directly after I solved it ?

Do you want that I describe the ways I solved the riddles?

TheDubWubCub - January 25, 2014, 11:35 am

(Jan 25, 2014 12:28 PM)Lutan Wrote: [\[CITE\]](#) It's Code #1, not Code #2 ?

Anyways, awesome riddles, too bad you posted #2 directly after I solved it ?

Do you want that I describe the ways I solved the riddles?
Just updated that & waiting for your response on how you cracked them :D

vitalitasia - January 25, 2014, 11:39 am

How I solved #1:

I searched the pictures on google (you can really search the pictures but clicking on the camera at google picture search). I found the pictures on a page called xkcd, and all of them had different numbers. Also I noticed that the word "CODE" (4 letters) has two pictures and "CIPHER" (6 letters) three pictures. I splitted the words in pieces like that: CO-DE and CI-PH-ER and assumed that every block of letters is the key to one picture. Then I simply had to find out how I get the picture numbers from the letters. I noticed that ER and ET have almost the same numbers, only two apart. Like R and T in the alphabet. It was base 26, but OP is a little jerk ? so he added 6 on the values. So I had to take the values of the pictures, add 6 and convert it from numbers with base 26 to letters.

How I solved #3:

I guessed the words.

Spoiler [\(Click to View\)](#)

I noticed that the last letter of every word is the same, and the words simply came into my mind. The third word is so long.. and "congratulate" fitted perfectly. "to" and "you" were easy to guess. Took only a few seconds to solve that one ?

Final message:

Doing what OP said and entering it into encipher.it with the sentence.

TheDubWubCub - January 25, 2014, 11:42 am

(Jan 25, 2014 12:39 PM)Lutan Wrote: [\[CITE\]](#) How I solved #1:

I searched the pictures on google (you can really search the pictures but clicking on the camera at google picture search). I found the pictures on a page called xkcd, and all of them had different numbers. Also I noticed that the word "CODE" (4 letters) has two pictures and "CIPHER" (6 letters) three pictures. I splitted the words in pieces like that: CO-DE and CI-PH-ER and assumed that every block of letters is the key to one picture. Then I simply had to find out how I get the picture numbers from the letters. I noticed that ER and ET have almost the same numbers, only two apart. Like R and T in the alphabet. It was base 26, but OP is a little jerk ? so he added 6 on the values. So I had to take the values of the pictures, add 6 and convert it from numbers with base 26 to letters.

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Spoiler [\(Click to View\)](#)

I noticed that the last letter of every word is the same, and the words simply came into my mind. The third word is so long.. and "congratulate" fitted perfectly. "to" and "you" were easy to guess. Took only a few seconds to solve that one ?

Final message:

Doing what OP said and entering it into encipher.it with the sentence.
Good job man!

Congrats to all of you who tried out this contest!

I really do appreciate it! :D

Next contest won't be for a while so take a break haha.

Thanks again! ?