VishwaCTF

CHALLENGE NAME: LET'S SMOTHER THE KING

DEV: [NAMAN]

CATEGORY: [CRYPTOGRAPHY]

LEVEL: MEDIUM

CHALLENGE DESCRIPTION:

In my friend cricle, Mr.Olmstead and Mr.Ben always communicate through a secret code language which they created and we never understand. This is one of the message Mr.Ben sent to Mr.Olmstead which I somehow manage to extract from Ben's PC but its encrypted and I dont understand their programming language. Being good programmers they are also professional chess players and it seems that this is a forced mate in 4 chess puzzle but the information needs to be decrypted to solve it. Help me out here and lets solve this chess puzzle to get the flag.

Flag format:
VishwaCTF{move1ofWhite_move1ofBlack_move2ofWhite_move2ofBlack_move3ofWhite_move3ofBlack_move4ofWhite}.

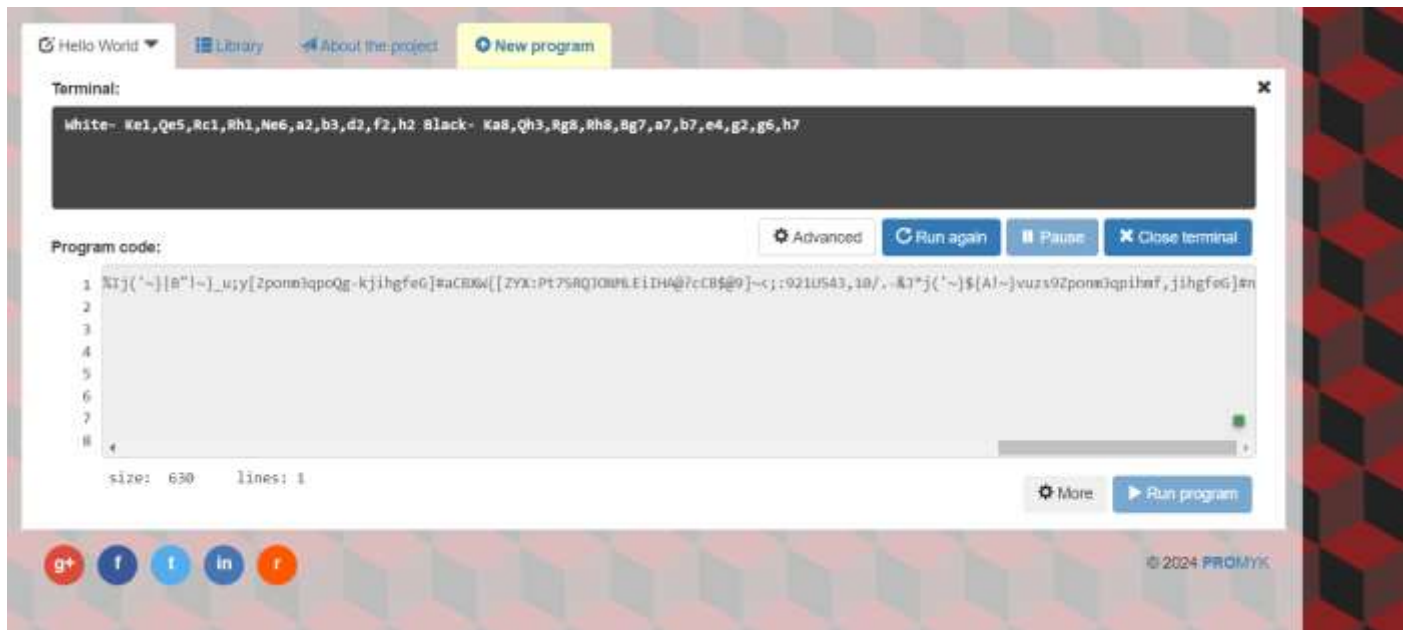* Note : 1) Use proper chess notations when you write any move.

2) move4ofwhite is the final move of mate in 4 chess puzzle which delivers the checkmate

Encrypted text given in file -

D'`A_9!7};|jE7TBRdQbqM(n&JlGGE3feB@!x=v<)\r8YXtsl2Sonmf,jLKa'edFEa`_X|?UTx;WPUTMqKPONGFjJ,HG@d'=BA@?>7[;4z21U54ts10/.'K+$j(!Efe#z@a}vut:[Zvutsrqj0ngOe+Lbg`edc\"CBXW{[TSRvP8TMq4JONGFj-IBGF?c=a$@9]=6|:3W10543,P*/.'&%$Hi'&%${z@a}vut:xqp6nVrqpoh.fedcb(IHdcba`_X|V[ZYXWPOsMLKJINGkKJI+G@dDCBA#"8=6Z4z21U5ut,P0)(-&J*)"!E}e#"!x>|uzs9qvo5srkpingf,Mchg`_%cbaZBXW{>=YXWPOs65KPImMLEDIBf)(D=a$:?>7<54X210/43,Pqp(',+*#G'gf|B"y?}v^tsr8vuWsrqpi/POkdibgf_%]b[Z_X|?>TYRQu8TMqQPIHGkEJIBA@dD&B;@?8\<5{3W70/.-Q10/on,%Ij('~}|B"!~}_u;y[Zponm3qpoQg-kjihgfeG]#aCBXW{[ZYX:Pt7SRQJONMLEiIHA@?cCB$@9]~<;:921U543,10/.-&J*j('~}${A!~}vuzs9Zponm3qpihmf,jihgfeG]#n

SOLUTION:

Smother The King The hints Ben and Olmstead when combined Ben-Olmstead is a scientist who created programming language Malbolge . Where we put the encrypted code on **any Malbolge compiler online available** :

We get the chess moves , a puzzle perhaps!

Use (chess.com) to solve the mate in 4 puzzle and get the flag –

VishwaCTF{Nc7+_Kb8_Na6+_Ka8_Qb8+_Rxb8_Nc7#}