



- Naughty List **2-12-22-2024-C**
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Santa's Naughty List got encrypted using the **Vigenère Cipher**, and the elves accidentally misplaced the decryption key! Help Santa recover the plaintext names from the ciphertexts below by writing a program that can crack the code and restore the list. Dust off your coding candy canes and show Santa that you're on the "Nice List" of programmers this Christmas!

The **set** the elves used for encrypting the plaintext to ciphertext is:

ABCDEFGHIJKLMNOPQRSTUVWXYZ

No.	Cipher used	Ciphertext (Encrypted name on the Naughty List)
1	Vigenère Cipher	Scwww VqEtlbswmcafj: L aqspcddz pwd fvz'd yukljq coyrrnr ty rrbdpj, bdcpymwyr qyocvjh vzwgmoj xypwn ptnfjhfnfp!
2	Vigenère Cipher	Xecoll Gljvbgdrgekuxg: W kacsenb sagv w xyoej scn xhbgq fcycf ojev gva ubchwfh bsfvega wj lus Jgehd Hbza.
3	Vigenère Cipher	Eaagw Eaah Ekgtochyhvigrf: D ngpchpoiaw-jqvqqe rrrnqutru ujojh ekgtoch liajjgs gkpqutk Qcngd'q yoenqjoc.
4	Vigenère Cipher	Hzrghssvede Nsbemvfowufq: A fjerappe-wchokid fvkme zifwe zpsflb xrpk dou kupeisp vorgkv tkiao uyi skpn.
5	Vigenère Cipher	Dwyec Aevteiwhcsy: Xya yhxie kn phdp, gvvmxzjo ztkzyiy uprjrmw kk srxt vrmersea enkq rjl zxviu.