

Task 1:

Instructions for Decrypting an Encrypted Text File Using Caesar Cipher

- **Understand the Caesar Cipher:** It shifts letters by a certain number.
- **Find the Shift Number:** Determine how many places each letter was shifted.
- **Set Up Your Program:** Open your coding environment (use any language you want).
- **Read the Encrypted File:** Load the text from the encrypted file.
- **Write the Decryption Function:** Create a function to shift letters back to their original position.
- **Decrypt the Text:** Use your function with the shift number to decrypt the text.
- **Show the Decrypted Text:** Print the decrypted message or save it to a new file.
- **Present Your Work:** Share your code and the decrypted output with me.

Encrypted Text:

Ftq Xuffxq Eqqp'e Vagdzqk

Azoq gbaz m fuyq uz m xget sdqqz smdpqz ftqdq xuhqp fuzk eqqpe. Ftqeq eqqpe pdqmyqp ar nqoayuzs nqmgfurgx rxaiqde ngf ftqk iqdq mrdmup. Itmf ur U my zaf efdazs qzagst fa sdai Itmf ur U pa zaf egooqqp Ftqk arfqz ftagstf mnagf ftue.

Azq egzzk yadzuzs ftq smdpqzqd omyq mzp sqzfxk bxmzfqp ftq eqqpe uz duot imdy eaux. Ftq eqqpe rqxf eomdqp ngf mxea qjoufqp. Pmke iqzf nk mzp ftq eqqpe nqsmz fa ebdagf. Ftqk rqxf ftq imdyft ar ftq egz mzp ftq oaaxzqee ar ftq dmuz. Taiqhqd ftqk mxea rmoqp otmxxqzsqe efdazs iuzpe tqmhlak dmuze mzp m ogduage ecguddqx zai mzp ftqz.

Itqzqhqd eayqftuzs purruogxf tmabbqzqp ftq eqqpe ftagstf mnagf suhuks gb. Ymknq U etagxp vgef efmk eymxx mzp tuppqz ftqk ituebqdqp fa ftqyeqxhqe. Ngf ftqz ftqk dqyqynqdqp ftq imdyft ar ftq egz mzp ftq egbbadf ar ftq eaux mdagzp ftqy.

luft qmot bmeeuzs pmk ftq eqqpe sdqi efdazsqd. Ftqk bgetqp ftdagst ftq eaux dqmotuzs rad ftq xustf. Eaaz ftqk tmp sdaiz uzfa xahqk bxmzfe iuft hundmzf sdqqz xqmhqe. Me fuyq iqzf az ftq bxmzfe nxaeeayqp uzfa ymszuruoqzf rxaiqde ftqud oaxade ndustf mzp otqqdrgx.

Azq pmk m xuffxq sudx imxwqp nk mzp emup itmf m nqmgfurgx rxaiqd Kag tmhq ndustfqzqp yk pmk Ftq rxaiqde dqmxulqp ftmf ftqk tmp zaf azxk sdaiz ngf tmp mxea ndagstf vak fa aftqde.

Ftq rxaiqde ftqz gzpqrdefaap ftq uybadfmzf xqeeaz otmxxqzsqe mdq bmdf ar ftq vagdzqk ngf bqdeqhqdmozq xqmpe fa nqmgfk mzp tmabbuzqee Ftqk xqmdzqp ftmf efqbbuzs agf ar ftqud oayradf lazq mzp rmouzs rqmde oagxp xqmp fa iazpqdrgx ftuzse.

Mzp ea ftq xuffxq eqqpe nqomyq nqmgfurgx rxaiqde uzebuduzs aftqde fa sdai mzp qyndmoq ftqud aiz vagdzqke.

Yqeemsq

Za ymffqd tai eymxx ad mrdmup kag ymk rqqx qyndmoq kagd vagdzqk mzp rmoq otmxxqzsqe iuft oagdmsoq Kag tmhq ftq bafqzfumx fa nxaay nqmgfurgxxk