$\begin{array}{c} \textbf{FCC200 Report} \\ \textbf{Affine Cipher and S-DES Implementation} \end{array}$

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Affine Cipher

Compute Eligible Keys

hello

Recovered Plaintext

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Affine Mathematical Proof

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Letter Distribution

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S-DES

S-DES Mathematical Proof

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Pseudo Code Structure

hello

Encrypted Test File

hello

Decrypted Test File

hello

Utilization of an all 1 Key

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Follow up Questions

Threats

hello

Source Coding

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Error Coding

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S-DES Coding

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S-DES Confusion and Diffusion

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