CSS322 – Classical Encryption Techniques Notes

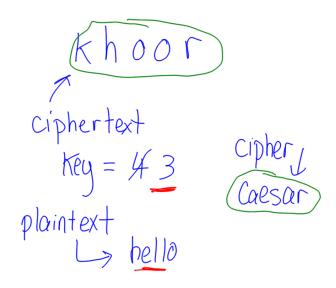


Figure 1: Caesar cipher decryption; Lecture 01

Figure 2: Attack on Caesar cipher; Lecture 02

Figure 3: Key length of a monoalphabetic cipher; Lecture 02

Figure 4: Encryption with Playfair cipher; Lecture 03

Figure 5: Encryption with Vigenere cipher; Lecture 03

Figure 6: Rail Fence Transposition cipher; Lecture 03

Figure 7: Rows Columns Transposition cipher; Lecture 03

Figure 8: One Time Pad in Binary; Lecture 04

$$\begin{array}{ccc} A & & & & \\ C_i = E(K, P_i) & & C_i & & \\ K_{nown}: & & E(), D(), C_i & & P_i \\ & & & (P_1, C_1), (P_2, C_2), \dots \end{array}$$

Figure 9: Example of Known Plaintext; Lecture 04