Introduction to Cryptography

Hand-on Practices:
The students are asked to practice on various cryptographic techniques, such as Caesar Cipher, DES, AES, Private-key cryptography, Public-key cryptography using tools available online. They will encrypt a message (a plain text) into cipher text and again decrypt the cipher text back to the plain text.

Challenge:
The students are provided with a cipher text and are asked to decrypt it (if they can) to the plain text using brute force technique.

N/A

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Quiz/Test Presentation Project Writing Assignment Observation Walk Around Oral Questioning Other	The instructor and TAs made observation while the activity was being performed. The instructor and TAs walked around to observe how different group are performing. The instructor and TAs asked oral questions when needed to ensure the students understood what they were doing and why. The instructor and TAs made sure all group members were engaged in the activities. The students were asked to present their final results.

N/A

Activities could be extended to include more examples on decryption if students became more curious.

N/A