The resources including the assignments and projects :   
<https://github.com/CSeCIITB/LS-2024-Intro-to-Crypto>

**Timeline:**  
Week 1: 27 June - 7 July   
Week 2: 8 July - 14 July  
Week 3: 15 July - 21 July  
Week 4: 22 July - 28 July

* Week 1-3: Weekly content will be released along with corresponding assignments.
* Project statement will be released in 2 parts:
  + Part 1 will be released along with Week 2
  + Part 2 will be released after Week 3
* Cryptography forms one of the most important fields in the digital age, protecting your privacy, enabling secure communication, underpinning blockchain and cryptocurrencies, safeguarding national security, ensuring data integrity, supporting zero-knowledge proofs, facilitating digital signatures, enabling secure voting systems, and driving secure multi-party computation.

Q) How do I figure out what cipher could be used is there any generalized approach?

🡪 To identify any general ciphertext, numerous techniques can be applied like frequency analysis (which characters appear most often), coincidence index (what is the "randomness" in the ciphertext), and noticing certain patterns etc.  
But for the given challenges in the first week, you can figure out the cipher used by just the description of the challenge and some online tools.