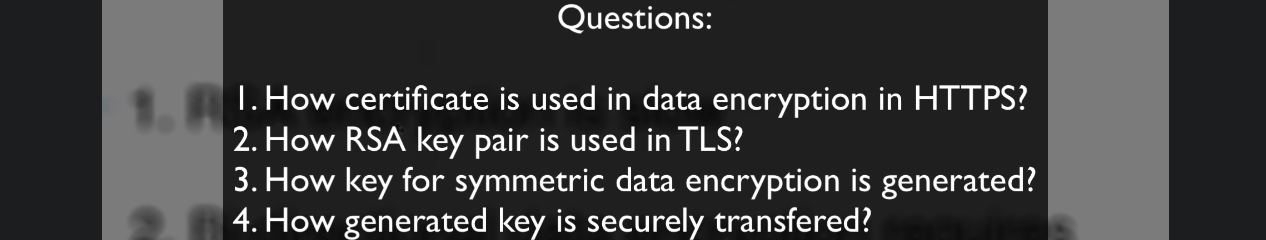
1. RSA is asymmetric Cryptosystem.
2. With RSA, we can encrypt any data with public key of the owner and send the data to the owner and the owner with private key can decrypt the data.
3. Still why not RSA is used for Data Encryption?
   1. RSA is asymmetric also which is slow as compared to symmetric algo.
   2. Bi-Directional Data Encryption requires RSA key pairs on both sides.
      1. Server must have its own private key and should share public key with browser.
      2. Browser must have its own private key and should share public key with server.
4. **That is where TLS protocol comes into picture**.  
   Using TLS protocol, we can establish a secure connection and using a symmetric key, we can encrypt data.
5. But you may ask.



Let’s discuss this in next lecture.