

Name a few applications in hardware that require random numbers.

1. **Cryptography:** Random numbers are used to generate random cryptographic keys to transmit data securely. They are widely used in Internet encryption protocols such as Transport Layer Security (TLS).
2. **Computer game:** gambling or creating unpredictable results in a computer game
3. **Computer simulation:** Random numbers are used in simulating several physical phenomena and computer modelling algorithms such as simulations of biological processes, simulation environment forces.