

Task 1: Fill in the following table and provide reasons.

	TCP or UDP	Reasons
Reliability and Connection Establishment	Tcp	Provides reliable connection with handshake and retransmission of lost packets.
Data Integrity and Ordering	Tcp	Ensures data integrity and correct ordering of packets, unlike UDP.

Task 2: Identify the use Cases and Performance of TCP and UDP.

	TCP	UDP
Use cases	Web browsing, Email, File transfer	Video streaming, Online gaming, VoIP
Performance	Slower but reliable and secure	Faster and lightweight but unreliable

