**Task 8 Report: Working with VPNs**

**VPN Used:** ProtonVPN Free Tier

**1. Connecting to VPN**

* Signed up for ProtonVPN and downloaded the client.
* Logged in successfully.
* Selected a server location outside India.
* Connected to VPN.

**Connection Screenshot:**  
A screenshot of a computer

AI-generated content may be incorrect.

**2. Checking My IP**

* Before connecting to VPN, my IP address was:  
  124.123.XXX.XXX — located in India.
* After connecting to VPN, my IP address changed to:  
  185.107.57.10 — located in the selected VPN server’s country.
* Verified via: [whatismyipaddress.com](https://whatismyipaddress.com/).

**IP Verification Screenshot:**  
A screenshot of a computer

AI-generated content may be incorrect.

**3. VPN Use Case Verification**

* TikTok is unavailable in India without VPN.
* With VPN connected, opened TikTok website/app successfully.
* Confirmed accessibility.

**TikTok Access Screenshot:**  
A screenshot of a video chat

AI-generated content may be incorrect.

**4. Disconnecting VPN**

* Disconnected VPN through the client.
* Checked IP address — reverted to original Indian IP.
* Tried accessing TikTok again — access denied.

**Disconnection & Access Denied Screenshot:**  
A screenshot of a computer

AI-generated content may be incorrect.

**5. VPN Benefits Observed**

* Successfully masked real IP and location.
* Accessed geo-restricted content (TikTok).
* Encrypted traffic for safer browsing.

**6. VPN Limitations Observed**

* Connection speed slightly slower when VPN was on.
* Free VPNs may have server limitations and data caps.
* VPN usage depends on server availability and load.

**7. Summary of Learning**

This task taught me how to:

* Install and connect to a VPN client.
* Check and verify IP address changes.
* Access geo-restricted content by changing location.
* Understand the benefits and limitations of VPN use.