**Task 11**

1. Difference between wget and curl?

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| **wget** | **curl** |
| Downloads files from the internet | Transfers data (downloads, uploads, APIs) |
| Simple file download | Downloading files and interacting with APIs |
| protocol: HTTP, HTTPS, FTP, and few others | HTTP, HTTPS, FTP, SFTP, APIs, and many more |
| Yes, can download entire websites | No, can't download recursively |
| Yes, supports resuming interrupted downloads | Yes, supports resuming downloads |
| Yes, can download in the background | No, needs external tools like |
| Limited header support | Full control over headers (e.g., send/receive headers) |
| No, can't send data by default | Yes, can send data (useful for APIs) |
| Pre-installed on most Linux systems | Often pre-installed but not always |
| Simpler for basic downloads | More flexible for advanced tasks (e.g., API calls) |

1. Difference between HTTP, HTTPS and FTP?

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| **HTTP** | **HTTPS** | **FTP** |
| HyperText Transfer Protocol | HyperText Transfer Protocol Security | File Transfer Protocol |
| Transfers web pages and content from a server to your browser. | Transfers web pages and content from a erver to browse, but with security (encryption). | Transfers files between computers. |
| Not secure (data is sent in plain text). | Secure (encrypts data to keep it private). | Not secure by default (transfers in plain text). not secure unless using FTPS |
| Browsing websites, reading content. | Secure online activities (like shopping, banking). | Uploading and downloading files between computers. |
| 80 | 443 | 21 |
| Visiting a website without sensitive info (e.g., http://example.com) | Visiting a secure website (e.g., https://example.com) | Transferring files (e.g., using FTP client software). |