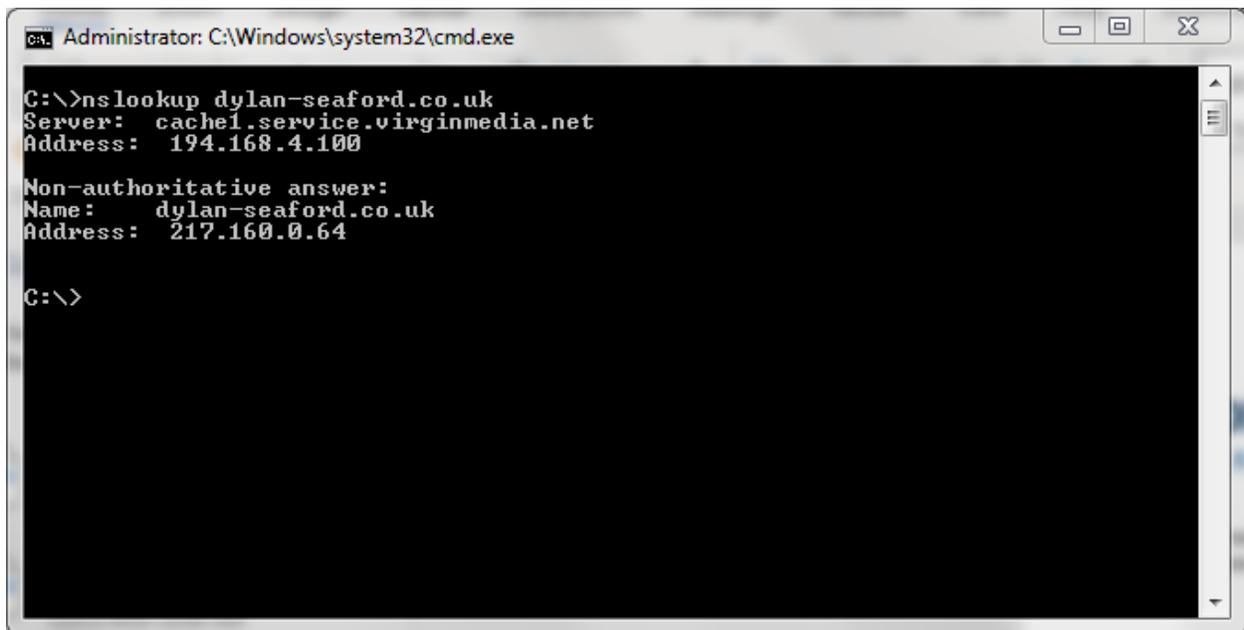# DOMAIN NAME SYSTEM (DNS)

Key Revision Facts: GCSE Computer Science

A Domain Name System (DNS) translates uniform resource locator (URL) and domain names to the numerical IP addresses needed for locating and identifying computer on the internet.

nslookup (**n**ame **s**erver **lookup**) is a network administration command-line tool for querying the Domain Name System (DNS) to obtain domain name or IP address mapping.

```
Administrator: C:\Windows\system32\cmd.exe

C:\>nslookup dylan-seaford.co.uk
Server:   cache1.service.virginmedia.net
Address:  194.168.4.100

Non-authoritative answer:
Name:     dylan-seaford.co.uk
Address:  217.160.0.64


C:\>
```