# Assignment 1

***Exercise: Short Question & Answers***

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**Word Count:** [Insert your word count excluding the reference list]

**URL (if applicable):** NA

**All students receive a completed marking rubric with overall feedback on their work. Please indicate below if you would like additional in-text comments.**

**Yes, I would like to receive additional comments on my work**

**Declaration re Generative AI use for this assignment**

**No, Generative AI was not used (we will mark your work on this basis)**

x

**Yes, Generative AI was used (you must complete the information below)**

**Please read the library guidance on using and citing Generative AI here:** [**https://uniskills.library.curtin.edu.au/digital/gen-ai/**](https://uniskills.library.curtin.edu.au/digital/gen-ai/)

**REMEMBER:  
You may be asked to provide more information during the marking process.  
You must keep records of prompts used and copies of your draft writing prior to using the Generative AI.**

**Which tools did you use? (eg ChatGPT, Bing Chat, Google Bard, Grammarly, translation software)**

[Insert the name(s) of the tools used here]

**How were these tools used? (eg to generate ideas, to advise me how to improve my writing)**

[Explain your use of the Generative AI clearly and fully. Your completed coversheet may be up to two pages long.

If used to generate ideas for your assignment, include the prompts you input here.

If you used it to provide information on how to improve your writing:   
How much did you use the AI? How much text did you ask it to analyse?  
What weaknesses did the AI highlight in your writing, having seen the difference between your original draft text and the final submitted version?]

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# 1. What is the Internet?

The internet is a system of interconnected computer networks on a global scale, truly enabling devices and users to communicate with each other using standardised protocols—mainly the Internet Protocol Suite (TCP/IP). Started in the late 1960s by the U.S. government through ARPANET, the internet is today an enormous system where private, public, academic, business, and government networks, spread across the globe, are interconnected (TechTarget, 2023; Wikipedia, 2024). It provides the backbone to numerous services, including World Wide Web (WWW) browsers, email, and file sharing, to share and obtain information from other systems (Britannica, 2024). "The internet is essentially and basically, a vast and interconnected network of computers [...] At the core, it's a 'network of networks'"(Vint Cerf, early 1990s).

# 2. What is the World Wide Web?

The World Wide Web, commonly referred to as the Web, is an information system in which users can access and share content over the Internet by way of linked web pages. Invented by Tim Berners-Lee while working at CERN in 1989, the Web had been designed to help scientists share information with each other in a better way (Wikipedia, 2024). It works with the Hypertext Transfer Protocol, or HTTP, which is a rule governing data exchange between web servers and clients (MDN Web Docs, 2023). It allows users to access web resources using Uniform Resource Locators, or URLs, which act like unique identifiers for each document (Britannica, 2024). The Web is different from the Internet; while the latter is a massive network of interconnected computers, the Web is a series of documents that are interlinked using hyperlinks, by which information can be retrieved effectively (TechTarget, 2010). The introduction of user-friendly browsers, such as Mosaic in 1993, significantly contributed to its rapid adoption beyond academic circles (Science and Media Museum, 2024).

# 3. What is the relationship between the World Wide Web and the Internet?

# 4. What are three purported differences between the World Wide Web as it first emerged and the more recent Web 2.0?

# 5. What are APIs and why are they significant to Web 2.0?

# References

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