JimListerT1A1.md

Jim Lister - T1A1 - Workbook 😂

Written Responses to short and long answers.

1. *Identify and explain common and important components and concept of web development*

Web development mark up language defines the method of annotating text in order to give a specific visual output through a web browser. Html (hyper text markup language) is the most widely used version of this and along with CSS and Javacript can be used to make functional, dynamic, responsive web sites. HTML specifically utilises the use of tags to define the objects structure. For example a tag with the semantic anotation of

might contain a websites main elements which would be specified within this parent element. These tags can then be given various different attributes to make them function in a specific way and are identifiable for others who might also be working on the code.

2. *Define the features of the following technologies that are essential in terms of the development of the internet:*

- *packets*

- *IP addresses (IPv4 and IPv6)*

- *routers and routing*

- *domains and DNS*

    Explain how each technology has contributed to the development of the internet.

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What are packets? A packet is formatted piece of data sent from one system to ar

What are IP addresses? an IP address is a number used to identify a computer or
(Internet Protocol Version 4) which has a smaller 32-bit address whereas IP 6 (I
address making it better in terms of complexity and efficiency.

What are routers and routing? A Router is a device that recieves information fro

What are domains and DNS servers? A domain is like an address that must be regis

*explain how each technology has contributed to the devlopment of the internet
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Define the features of the following technologies that are essential in terms of the development of the internet:

- TCP
- HTTP and HTTPS
- web browsers (requests, rendering and developer tools)

Explain how each technology has contributed to the development of client and server communication over the internet (50 - 150 words for each technology)

experimenting with markdown

Next Line

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More experimenting with MarkDown <div><div>
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Github view is broken