

Tutor Marked assignment 03, TMA03

Cut-off date: [August 5, 2008](#)

Introduction

Your assignment for TMA03 is in two parts and should be submitted in the form of HTML web pages.

Part 1 - Web report on “networking protocols” (60 marks)

Report Structure

1-Report Plan (5 marks): short outline of the report structure and content

2-Main Content (50 marks): your structure should also include the following areas:

- Introduction (10 marks) - here you introduce the subject of your report.
- Main body (30 marks) - this is where you cover the requirements of the topic in detail by presenting appropriate information under different headings.
- Conclusion (10 marks) - here you summarize your report and findings.

3-Presentation (5 marks): this includes adherence to the word limit, the structure of your work, the clarity of your layout, the use of appropriate headings to draw attention to the nature of different parts of your work, and the logical flow of your arguments. Your writing style should be concise, logical and clear, with correct use of quotes and references.

Report Content

A- Examine the concept of a computer protocol through:

- the role played by protocols in the evolution of the Internet,
- the way in which they were created and documented.

B- Illustrate your report with an account of three specific protocols:

- The ARPANET's NCP protocol
- The Internet's TCP/IP protocol

- The World Wide Web's HTTP protocol.

For each of the protocols you choose provide an explanation of what it is designed to do.

Your report should be no more than **1000 words** and only use material from the T171 website for this report (**especially Module 2 Sections 3.3 and 3.4**).

Advice:

- Make reference to the reasons why protocols are necessary and how they have helped the development of the Net.
- Write the report **in your own words**, although you may quote from the T171 website where appropriate.
- Back up your answer with quotes, references, or data from the course material, and also from your own experience or opinion.
- Quotes should be properly referenced and you should indicate where they are taken from.

Part 2 - Visionaries and developers: (40 marks)

Many effected the World Wide Web explosion

1. Vannevar Bush
2. Douglas Engelbart
3. Ted Nelson
4. Bill Atkinson

Their ideas paved the way for the concepts that Tim Berners-Lee embodied in the WWW.

For each person write a paragraph mentioning the importance of his achievement in the development of the World Wide Web.

Your report should be no more than **1000 words** and only use material from the T171 website for this report (**especially Module 2 Section 6.2**).