Week 6 Tutorial

Preparation

Before this tutorial you are expected to have read Topic 2 Chapter 1 of the book (pages 203-256).

Aim

The aim of this tutorial is to give you some experience with how information is stored and processed in binary form in computers.

Questions

- Questions 1-6 on pages 209-210 (Topic 2, Chapter 1)
- Questions 1-6 on page 219 (Topic 2, Chapter 1)
- Questions 1, 2, 7-10 on pages 225 (Topic 2, Chapter 1)
- Questions 4, 5 on pages 230-231 (Topic 2, Chapter 1)

Outcome

Fill in the tutorial summary sheet as best you can, including the group’s assessment of how well each person has worked in the group.

Reflection

It has been said that computers could run more efficiently if they were based on hexadecimal numbers, rather than binary ones. Why would this be? What would be necessary to make this idea work?
Tutorial 6 Summary Sheet

Summary of outcomes:

Questions solved:

Questions attempted but unfinished:

Questions not attempted:

Points to raise with tutor or lecturer:

**Peer and self assessment:** (see the final tutorial for mark guidelines)

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Other Comments: