# Week 5 Tutorial: Data Storage - I

## Preparation

Before this tutorial, you are expected to have read Topic 2
Chapter 1 of the book, pages 203 – 224 of the textbook.

## 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 of Topic 2 - Chapter 1
- Questions 1 – 3 on pages 212 – 213 of Topic 2 - Chapter 1
- Questions 1 – 6 on page 219 of Topic 2 – Chapter 1
- Questions 1, 2, 5 – 10 on page 225 of Topic 2 – Chapter 1

## 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 the case? What would be necessary to
make this idea work?