

- [CPSC 275: Introduction to Computer Systems](#)

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Fall 2025

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Homework 1

NOTE: You are not required to hand in the following exercises, but you are strongly encouraged to complete them to strengthen your understanding of the concepts covered in class.

1. Conversion from decimal to binary
 - A. Complete [this tutorial](#) on how to convert decimal to binary by performing *Division by Two with Remainder*.
 - B. Convert decimal 999 to binary.
 - C. Write a C function called `dec2bin` which accepts an integer n as a parameter and prints the binary equivalent of n . Calling `printf` with the `%b` format specifier is not acceptable.
2. Conversion from binary to decimal
 - A. Complete [this tutorial](#) on how to convert binary to decimal using *Positional Notation*.
 - B. Convert binary `110010101101` to decimal.
3. Complete the [Unix/Linux Tutorial](#) (up to File Permission).

- **Welcome: Sean**

- [LogOut](#)

