

Digital Logic Design

Problem Set #1

Due Date: 1400/07/13 - 23:59



1. Convert $(0.8542)_{10}$ to binary, having 5 binary fraction digits.
2. Convert $(65.47)_{16}$ to:
 - a. Decimal having 2 decimal fraction digits.
 - b. Binary having 2 binary fraction digits.
3. Encode each of the following numbers in BCD, 4-bit Gray and 4-bit Gray excess-3 codes
 - a. 38
 - b. 1952



If you use a proprietary program or somebody else's web server, you're defenseless. You're putty in the hands of whoever developed that software.

[Richard Stallman](#)

Good Luck!

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*Do not hesitate to ask your question
Via eeXBee@gmail.com*