German University in Cairo
Computer Science and Engineering Department
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Introduction to Computer Science, Winter Term 2007-2008
Assignment 4
Submission: 27.12.2007 (17:00 pm)

Exercise 4-1 (2 Marks)

Convert the following decimal numbers to binary. Please show your workout.

a) 64_{10}

b) 1010_{10}

Exercise 4-2 (3 Marks)

Convert the following numbers to decimal. Please show your workout.

a) $(1110001)_2$

b) $(65)_7$

c) $(B4C)_{16}$

Exercise 4-3 (3 Marks)

Perform the following number system conversions. Please show your workout.

a) $10110001101011_2 = \ldots_{16}$

b) $2615_8 = \ldots_2$

c) $1201_3 = \ldots_5$