

Assignment 1 (100 points)

A. Questions

- (a). Convert the following hexadecimal values to binary
1. 0xEECE 2. 0x416
- (b). Convert the following hexadecimal values to decimal
3. 0x2023 4. 0x0DAD
- (c). Find the 32-bit expression of hexadecimal value of the following decimal numbers. In other words, the answers must be expressed in 8 hex digits.
5. 200 6. 2,023 7. 10,000 8. 4,049
- (d). Find the 32-bit expression of hexadecimal value of the following decimal numbers. In other words, the answers must occupy 8 hex digits. Note that both are negative numbers.
9. - 18,870 10. - 416

B. Score Distribution and Scoring Rubric: Total points = 100

	#1 - #10
10 pts	Correct with all calculation neatly displayed
7 pts	Incorrect (partially correct) with all calculations neatly displayed
5 pts	Correct without calculation
0 pts	Incorrect without calculation

C. Submission: Work on paper and submit your work by bringing it to the class or my office. Submission of a scanned copy of the manual work via email is also accepted. In the latter option, name the scanned copy as **416Assign1_LastName.xxx** (xxx being file type such as docx, doc, pdf, png, etc.)

D. Submission due: 5:00pm (F) September 15, 2023

E. Point Deduction on Late Submission (or Maximum score by submission time)

Submission Time/Date	Maximum score
By 5:00pm 9/15/2023	100
By 5:00pm 9/18/2023	70
By 5:00pm 9/19/2023	50
By 5:00pm 9/20/2023	30
After the above	0