

UVa Email ID (no aliases please): _fr2md_____

Name ___Farid Rajabi Nia___

Lab section ___8:00_____

Lab 4 - Radix Conversion Worksheet

Convert:

1. $0x4F45$ into octal 47505

2. 269_{10} into radix 7 533

3. $1100\ 1101\ 1110_2$ into decimal 3294

4. $2BD_{19}$ into decimal 944

5. Given the following positive binary integer in two's complement:
 $0101\ 0011\ 0101\ 1101$

a) Convert the number to hexadecimal:
 $535D$

b) Negate the number.
 $1010\ 1100\ 1010\ 0010$ add one to this
 $1010\ 1100\ 1010\ 0011$